

VOLUME XIX.

FEBRUARY, 1885.

NUMBER 12.

PRINTERS' CIRCULAR



Stationers' and Publishers' Gazette,

A MONTHLY RECORD OF EVENTS OF INTEREST TO

PRINTERS, PUBLISHERS, STATIONERS, LITHOGRAPHERS, BOOK-BINDERS, PAPER MAKERS,
AND KINDRED INDUSTRIES.

R. S. MENAMIN, Editor and Publisher.

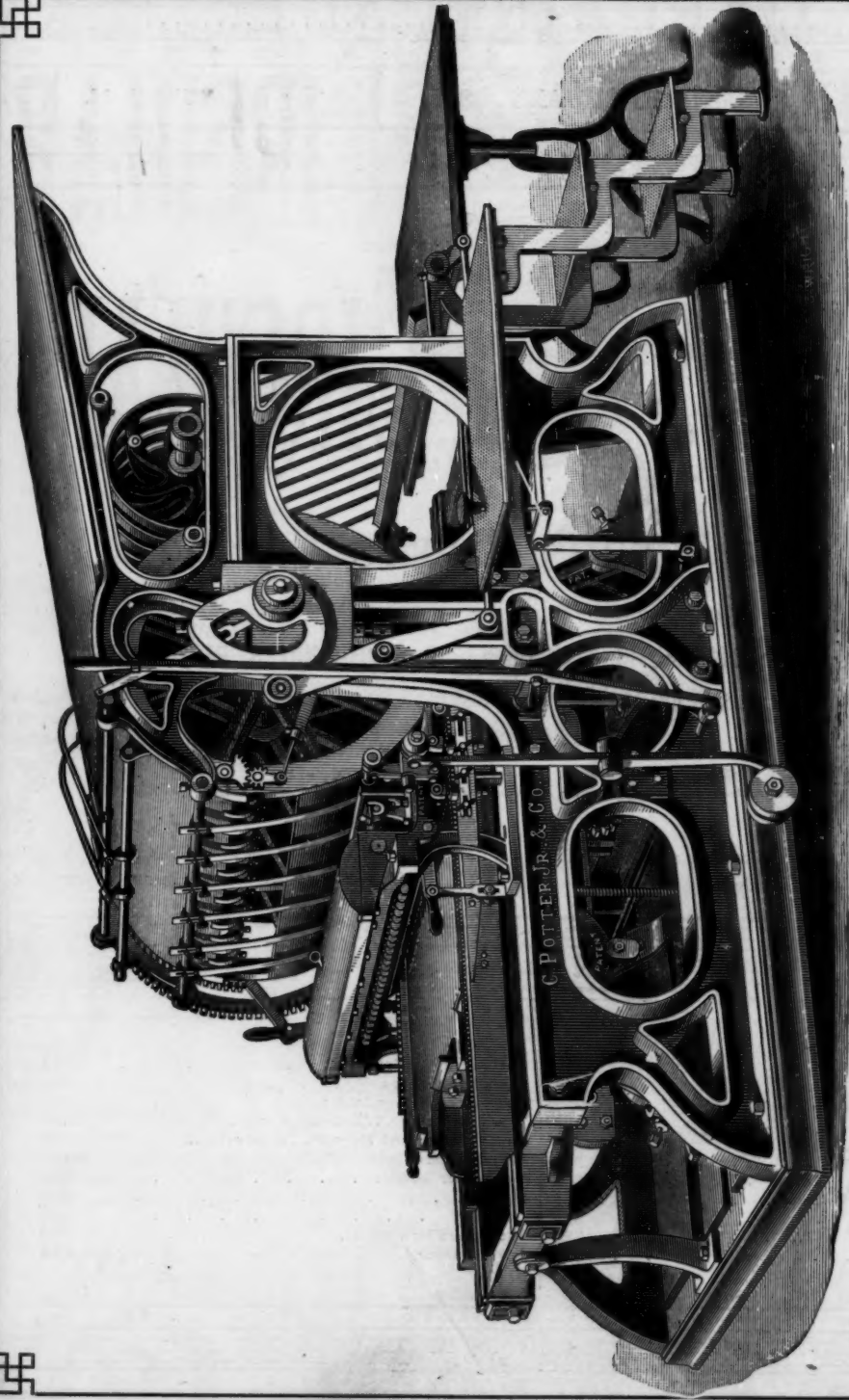
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PRINTERS' CIRCULAR



Stationers' and Publishers' Gazette.

R. S. MENAMIN, EDITOR.

FEBRUARY, 1885.

VOLUME XIX, NO. 12.

END OF THE VOLUME.

This number concludes Volume XIX of the PRINTERS' CIRCULAR, and we hope to be favored with a large number of new subscribers for Volume XX (which is intended to be "Double X," indeed). In the twelve numbers issued during the year, there is surely ample repayment to any printer or apprentice for the price of subscription, which is only One Dollar, including postage.

A limited number of bound copies of Volume XIX can be had on application at this office—price one dollar each.

BEGIN AT HOME.

A caustic sage wrote once upon a time, to a society of reformers, "Let each one of you reform himself, thereby making sure that there is at least one more better man in the world." Something as severe might with justice be written to our English friends who are so eager for an international copyright with America, trying always to enforce their arguments with the sweeping accusation that Americans are habitually dishonest in dealing with literary property; always implying, in the course of the half appeal, half indictment, that Englishmen are, above all others, honest in all dealings between authors and publishers. That the latter iterated implication is not warranted by facts has very recently been shown by the experience of Max O'Rell, the famous authors of that fast-selling book, "John Bull and His Island." So eagerly was the latter work read, not only in the United Kingdom, but on the Continent and in America, that anything further from the pen of that author was sure of a large sale. When a new book from O'Rell was announced in London, not long ago, literary pirates—native and to the manner born—made arrangements to steal the title, and would have done so but for a falling out—a quarrel that led one of the precious pair to betray the other. But for the warning thus given O'Rell and his publishers would have been powerless, because under the vaunted English copyright law as it stands, the title of a book announced to be published can be appropriated by any unprincipled person or persons who choose to do so; there is no legal method

to check such particularly mean piracy. To protect themselves in their own country, from their own countrymen, the authorized publishers, Messrs. Field & Tuer, were compelled to amplify a protest, print it in large type, make a book of it, publish it in the ordinary course of their publication business, entitle it "John Bull's Womankind" (the name of Max O'Rell's forthcoming book), and sell it for one farthing. All this expense and trouble to protect the name of an announced work, under a copyright law held up to us for so many years as a model of perfection!

Messrs. Field & Tuer's home experience should teach all Americans engaged in publishing and literary pursuits that Great Britain's copyright laws are sadly in need of amending. To all prudent people the O'Rell experience would be a sufficient warning to reject all copyright treaties with such a nation. With such tricks practiced upon their own countrymen, what can foreigners expect from them? Judged by their own methods of transacting business, the English are a very good people—not to make a copyright treaty with on any terms.

PAPER BARRELS.

An ingenious Connecticut man is about completing his own invented machinery for making barrels out of paper or straw pulp by hydraulic pressure. He has for some time had a pulp-barrel machine in operation at Hartford, but its capacity for production was not sufficiently rapid for the progressive Yankee, therefore he set about contriving something to work with more celerity. In his improved plant gears and steam-power are discarded for hydraulic pressure, a drying-machine is added, together with pulp and water pumps. Once everything is in full working order, the inventor expects to be able to revolutionize the barrel business of the country by producing six hundred barrels a day, with one set of machines, at a cost of twenty-three cents for flour barrels, which, made of wood, fetch fifty-five cents.

The paper machine barrels are made in one piece, and are to all intents and purposes unbreakable. Hoops of wood or iron will be put on when desired. The paper barrels will not only hold flour or sugar, but may be used for the transportation

and storage of liquors, oil, or water. If the paper barrels turn out to be all that is claimed for them by the parties that have seen the newly-invented machinery, they will open a new and wide field for the consumption of straw pulp, and, what is probably of more vital importance to the country at large, effect a great saving in the destruction of wood.

FIRE-PROOF BANKNOTE PAPER.

A partially indestructible paper for banknotes and bonds has recently been obtained by mixing asbestos with palmetto, hemp, or some other material yielding an equally strong fibre. Another innovation is that bankbills and bonds of different denominations may be readily distinguished by variously colored paper. To obtain these tints, silk fibre of any shade desired is incorporated with the paper during the process of manufacture. For instance, green is selected to represent one-dollar bills; orange, two dollars; blue, five dollars; scarlet, ten dollars. For twenty-dollar notes any two of these tints may be combined; for fifty and one-hundred-dollar notes three colors can be combined. Bonds of various values may also be thus distinguished. Further, private marks may be placed on notes or bonds by banks and corporations, the device being arranged by those having the paper prepared.

Asbestos, as is generally known, resists the disintegrating action of heat, furnishing the fire-resisting quality of the new paper for bankbills and bonds. Palmetto is used as the principal material in the body to insure perfection in the typographic impressions. The colored silk fibres also impart strength to the fabric.

All the printing on this paper is to be done in three colors—black carbon ink, green oxide of chromium and burnt sienna. These materials were specially chosen because they are produced by a higher degree of heat than bank notes or bonds would be subjected to in a fire-proof safe or vault; for that reason the printed matter would remain unimpaired in color, although exposed to great heat, and assist materially in identifying the notes or bonds. Pulverized mica and asbestos are also mixed with the ink to add to its heat-resisting power.

STATE PRINTING OFFICES.

"A Practical Printer," in the *Albany Press and Knickerbocker* of January 30, writes vigorously in opposition to the project to establish a State Printing Office in New York. He says:

The printing houses in Albany have grown from small affairs to large establishments, fully equipped with all modern appliances. A printing office, with stereotyping foundry, bindery, lithographing department, and the numberless incidental addenda, could not be established and put in running order for a sum less than two hundred to three hundred and fifty thousand dollars.

The amount paid for legislative printing is met by an appropriation of \$60,000 annually, and the total of all printing for the departments, including stationery and special reports of investigating committees, will not add \$40,000 to the amount.

The net profit to the printer will not reach ten per cent., and the establishments doing the work have to be run three hundred days in each year, and do an immense amount of commercial printing, to make both ends meet. The interest on the first cost of a State printing office (say \$200,000) would be an item largely in excess of the profits now paid the printers, to say nothing of salaries, clerk hire, rental, insurance, depreciation, and other like items.

An establishment, to be of any benefit to the State, would be compelled to have a capacity to do the entire work for the legislative year

(which is now performed within six months, except in some cases which will be spoken of later in this article) in the time of six months, and the balance of the year lie idle; while salaries of superintendent and others would not share the same fate.

The delay in many of the reports is from the fact that the fiscal year ends on the thirtieth day of September, and in many instances reports transmitted to the Legislature are but bundles of material, which have to be returned to the departments to be put in shape for the printer.

A point made in favor of the project is that many of the reports could be printed and ready for the meeting of the Legislature. As the reports could not be got into shape before the early part of December, to accomplish the printing after receipt of copy the establishment would reach proportions only equalled in size by the Capitol, and as the law now stands, reports have to be transmitted to the Legislature, accepted and "ordered printed."

Can this be done?

The British Government relies solely on private contractors for its printing.

The cost of maintenance of the Government Printing Establishment at Washington, for the year 1887, was \$2,215,939.27, without any items of rental, insurance, taxes, or depreciation.

As all the paper used in the printing, which is an item of large cost, is made outside the State, why not carry out the scheme with a State paper mill, binder's board mill, tannery for the leather for binding, type foundry, press factory, boiler shop, engine shop—in fact, begin at the beginning and do it all?

S. REED JOHNSTON, of Pittsburgh, one of America's foremost printers, graced the CIRCULAR banquet during the present month, while on a recreative trip to the seaboard cities. The originator of "Owltype," and its kindred oddities, is neither wild nor weird, *malgré* his queer inventions; and is "as mild a mannered man" as could be desired. We were glad to learn, from Mr. Johnston, that good printing is appreciated in the Smoky City, and that trade there is improving.

MANY newspaper publishers are memorializing Congress to pass one of the several bills now pending, in favor of reducing the postage on newspapers. They argue that when the reduction was made on letter postage, a proportionate reduction should have been made on newspaper postage; and this not having been done, justice to publishers would require that a similar concession be now made in their favor.

THE Democrats of Bristol, Pa., having resolved to indicate their choice for postmaster of their town under the incoming administration, held an election to decide the question, when James Drury, editor of the *Bristol Observer*, received a large majority of the votes cast.

THE intelligent compositor is frantic over the manifold spelling of Egyptian names of persons and places, and is wishing that the "cruel war were over," to give his brain a rest. Obeid done.

THE interest of Mr. F. C. Paxson in the firm of Magarge & Green (paper dealers, Philadelphia) has expired by limitation.

M. S. Bulkley, F. A. Southworth and A. C. Williams have opened a paper-warehouse at Seventh and Jayne Sts., Phila.

THE demand for the productions of the collotype process is increasing rapidly.

THE compositor is a contrary fellow—he sets everything against the rule.

FLOCK PRINTING.

This sumptuous ornamental typography is coming into vogue in England. Though exceedingly rich in appearance, several of its finest effects may be produced at slight expense. Flock is a finely powdered wool, usually made from old woolen rags and colored to any shade desired. Southward, in his "Practical Printing," says that flock printing is best done from engraved blocks, showing a dark background, with the letters cut out; it is also adapted to type printing, care being taken to have no small letters in the form, because the tendency of flock sizing, being heavy, is to fill up fine lines and cuts. Size that is too heavy may be reduced with damar varnish, which will thin the body without impairing its adhesive qualities. Size should be reduced in small quantities as needed, because it dries fastest than it can be used, and a roller with a dry, hard face should always be used and cleaned at least once an hour while in use. Spirits of turpentine makes the best wash for the purpose; after its application, a sponge dampened with clean water should be passed over the roller. The form will also be benefitted by an occasional cleansing in the same way.

To execute a job of flock printing, take, say, a quarter pound each of light blue, green, crimson or scarlet red, purple and yellow flocks; one pound of flock sizing, half a pound of frosting, some bronzes, and a few ounces each of powdered ultramarine blue, Paris green and vermilion. After the form is ready, mix the size to suit, roll, and take the impression, the same as for a job to be done in bronze. If bronze is to be at the bottom of the lines, apply that first with a camel's hair brush; then, with the fingers, throw on such colors of flock as may be desired. Take hold of the sheet with the tips of the fingers, and flop it until the flock has spread all over the impression; shake off the surplus powder into a box, and the job is done. When frosting is added, beat it up as fine as possible, throwing it on the impression before the flock is applied; this will show a frosted surface through the flock, producing a beautiful appearance. In using dry, powdered colors, apply them the same as bronze. In using all four of the articles on the same impression, apply the bronze first, dry color next, then the frosting, and lastly the flock. By a little practice, a printer is able to produce highly attractive effects at a small cost over color printing, and he can obtain as many colors in flock as are required, from one impression.

A VALUABLE BOOK OF REFERENCE.

Mr. George W. Childs, the enterprising and liberal proprietor of the *Ledger*, at the beginning of each year presents each one of his many subscribers with what he modestly designates a "Public Ledger Almanac." In reality each annual issue is a valuable manual of reference, not only for the year for which it is issued, but for generations. Apart from the calendars, every one of these almanacs contains a large amount of information, carefully compiled from authentic sources. The "Ledger Almanac" for 1885, the sixteenth of the series, is as rich in useful knowledge as any one of its predecessors. It presents in concise form, and in a style to be readily understood, "What to Do in Emergencies;" a chronology of Philadelphia events in 1884, rules governing money orders, rates of postage, the constitution of the City Government, officers of the United States and the State of Pennsylvania,

names of the members of the U. S. Senate and House of Representatives, the Pennsylvania Legislature, the U. S. Supreme Court and Supreme Court of Pennsylvania, governments of all the States, names of foreign consuls at this port, votes at the last two presidential elections, our diplomatic intercourse with foreign nations. In brief, there are fifty-seven closely and clearly printed pages of useful information, all of a kind to be daily sought after by all classes of people. A complete set of the "Ledger Almanacs" is a desirable acquisition to any library, and a permanent monument to the practical intelligence and public spirit of Mr. Childs.

THE TYPE FOUNDERS.

The BOSTON TYPE FOUNDRY has issued a new series of job and display letter, styled "Façade," it being the popular "Mural" face condensed and improved. The sizes are Pica, Great Primer, Double Pica, Double Great Primer and Canon. It is worth noting that after this series had been christened "Tablet," and the specimen sheets printed for distribution, it was discovered that the same name had already been adopted by another foundry to designate an entirely different face. The name "Façade" was then substituted for Tablet, to the honor of the Boston Foundry, and to the great relief of the bewildered brains of the job printer.

If not already in use, an alphabetic record of the names of all job fonts manufactured would seem to be a necessity to the modern type founder.

A charter has been issued to the "MacKellar, Smiths & Jordan Type Foundry Co., of Philadelphia," which corporation succeeds to the business of the Johnson Type Foundry. Messrs. Thomas MacKellar, Richard Smith, John F. Smith, G. Frederick Jordan, and William B. MacKellar are the incorporators of the new company.

"VINUM, LINUM ET TEXTRINUM" is the motto on the old city seal of Germantown, Pa., reproduced in the heading for the new dress donned by *The Gazette* on February 14, at the beginning of its eighth volume. Nothing more pointedly illustrates the rapid growth of our American cities than this incident of the granting of a charter by William Penn, in 1683, to the founders of Germantown, for a city located about six miles from Philadelphia, which has long since been embraced in the latter's built-up districts. *Vinum, linum et textrinum* (the vine, the line plant and the loom) did it.

A CHARTER was issued at Harrisburg, Pa., February 21, to the "J. B. Lippincott Publishing Company of Philadelphia;" capital stock, \$1,000,000. Nearly all the stock is in the name of J. B. Lippincott, who is credited with 9,970 of the 10,000 shares subscribed. It is held in the articles of incorporation that the intention of the company is to issue the stock to the extent of ten per cent. for cash and ninety per cent. for personal property now belonging to the firm of J. B. Lippincott & Co., which property is necessary for the purposes of the organization and business of the corporation.

E. STANLEY HART (Franklin Printing House, Philadelphia), has admitted Messrs. John A. Wells and John Callahan to an interest in his business, which will be continued under the firm name of E. Stanley Hart & Co.

[Communicated.]

ADVERTISING RATES.

To the Editor of the *Printers' Circular*:

DEAR SIR:—Publishers of dailies, and, in a lesser degree, publishers of weeklies, find great difficulty in making up a table of advertising rates that will justly graduate for long and short time-advertising. The ordinary tables take up much room, and are far from satisfactory. I enclose you the table I have drawn up; so far as I know it is a new idea. It is exceedingly simple when understood. I attach an explanation of the table for the benefit of the many readers of the *PRINTERS' CIRCULAR*.

EDDY'S UNIVERSAL TABLE OF ADVERTISING RATES.
DAILY.

Business locals 5 cents per line, each insertion.
[No displayed or black lines under local advertising.]

DISPLAYED ADVERTISING.

Per inch 50 cents per day.

SPACE.	TIME.
3 inches, 50 per cent.	4 to 6 days, 50 per cent.
5 inches, 40 "	8 to 12 " 40 "
10 to 20 inches, 25 "	20 to 24 " 25 "

Per inch \$2.00 per month.

SPACE.	TIME.
2 inches, 75 per cent.	3 months, 75 per cent.
4 to 10 inches, 60 "	3 to 6 months, 60 "
11 to 20 inches, 50 "	7 to 12 months, 50 "

IN WEEKLY.

Same rates as above.

DAILY AND WEEKLY.

Contract for same advertisements in both Daily and Weekly, TWICE above rates less 25 per cent.

The above table is on the basis of fifty cents per inch per day for less than one month, and two dollars per inch per month for long-time advertising. It covers every size of advertisement for any length of time. Any given advertisement is calculated in this way:

Say three inches one day—three times 50 cents, less 50 per cent. = 75 cents.

Say five inches one day—40 per cent. of five times 50 cents = \$1.00.

Say ten inches one day—25 per cent. of ten times 50 cents = \$1.25, and so on to 20 inches or one column.

For longer time, say one inch six days—50 per cent of six times 50 cents = \$1.50.

Say three inches six days—three inches one day, 50 per cent. of three times 50 cents = 75 cents; for six days, 50 per cent. of six times 75 cents = \$2.25.

Say 10 inches 12 days—10 inches one day, 25 per cent. of 10 times 50 cents = \$1.25 per day; 12 days, 40 per cent. of 12 times \$1.25 = \$6.00.

The long-time rate is figured the same way, except that the basis is two dollars instead of fifty cents.

Say 10 inches 12 months—60 per cent. of 10 times \$2.00 = \$12.00 for one month; 50 per cent. of 12 times \$12.00 = \$72.00 per year.

The percentages being few and in round numbers, the amount for any space for any length of time can be figured in

an instant, and the result stated to the advertiser either as so much per year or for the total time he wants, or at so much per month.

By changing the daily basis of fifty cents, or the monthly of two dollars, rates are at once raised or lowered without further alteration. Or, if any publisher desires a different rate for short-time advertising, the change of one or two of the percentages at once brings about the result.

FLINT, MICH., February 12, 1885.

ARTHUR J. EDDY.

[While agreeing with Bro. Eddy as to the advantage and necessity of having a ready method of computing advertising, and also that his system appears to be as rapid as any that we have seen, we would advise a careful comparison before adopting the percentages he quotes.—ED. PRINTERS' CIRCULAR.]

RECENT PATENTS.

[The following list of patents relating to the printing interests, granted by the U. S. Patent Office during the month of February, 1885, is specially reported for the *PRINTERS' CIRCULAR* by Franklin H. Hough, solicitor of American and foreign patents, 825 F Street, N. W., Washington, D. C.]

ISSUE OF FEBRUARY 3, 1885.

311,735—Printing press. G. P. Fenner, New London, Conn.

ISSUE OF FEBRUARY 10, 1885.

311,976—Printing machine. G. C. Gill, Brooklyn, N. Y., assignor to R. Hoe & Co., New York.

312,022—Printing machine. W. Scott, Plainfield, N. J.

312,217—Printing machine receiving-table. A. Overend, Philadelphia, assignor to C. B. Cottrell, Westery, R. I.

312,113—Type-writing machine. G. C. Garrison, Bennett, Pa.

ISSUE OF FEBRUARY 17, 1885.

312,569—Electrotype plate and holder. A. W. Marshall, Indianapolis, Ind., assignor to American Press Association, Chicago, Ill.

312,302—Printer's rule. A. D. Stern, Chicago, Ill.

312,389—Printing machine. W. Scott, Plainfield, N. J.

312,455—Printing machine, rubber-stamp, hand. R. Gaiger, West Hoboken, N. J.

312,546—Type-writing machine. J. C. Allen, Plainfield, N. J.

ISSUE OF FEBRUARY 24, 1885.

312,845—Printer's quoin. John Hankinson, Harrisburg, Pa.

312,850—Printer's quoin. W. Hendrickson, Brooklyn, N. Y.

312,769—Printing machine, chromatic. W. Scott, Plainfield, N. J.

312,981—Type-writing machine. M. C. Dodge, Charlotte, Mich.

An effort is about to be made in German-Switzerland to induce local printers to replace the *German* types by Latin characters. The latter are already in use to a certain extent, both for periodicals and books; but there is still a strong bias in many quarters in favor of the former. As an argument in favor of the desired reform, it is mentioned that of the four hundred million persons which constitute the population of the world only about fifty-five million belong to the German races, and that even of these about one-half are perfectly familiar with the Latin characters. A proposition has been made that Swiss printers should agree to uniformly adopt the Latin characters, both for books and newspapers, from a given date to be mutually agreed upon.

THE PRINTER'S HIAWATHA:

Should you ask us why this dunning?
 Why all these complaints and murmurs?
 Murmurs loud about delinquents,
 Who have read the paper weekly,
 Read what they have never paid for,
 Read with pleasure and with profit,
 Read the church affairs and prospects,
 Read the news both home and foreign,
 Full of wisdom and instruction;
 Read the table of the markets,
 Carefully corrected weekly—
 Should you ask why all this dunning?

From the printer, from the mailer,
 From the kind old paper-maker,
 From the landlord, from the devil,
 From the man who taxes letters
 With the stamp of Uncle Samuel—
 Uncle Sam the rowdies call him;—
 From them all there comes a message,
 Message kind but firmly spoken:
 "Please to pay the bill you owe me."

Sad it is to hear the message,
 When our funds are all exhausted,
 When the last greenback has left us,
 When the nickels all have vanished;
 Gone to pay the toiling printer,
 Gone to pay the paper-maker,
 Gone to pay the landlord's tribute,
 Gone to pay the clerk and devil,
 Gone to pay the faithful mailer,
 Gone to pay old Uncle Samuel—
 Uncle Sam the rowdies call him—
 Gone to pay for beef and Bridget,
 Gone to pay the faithful parson.

Sad it is to turn our ledger,
 Turn the leaves of this old ledger,
 Turn and see what sums are due us,
 Due for volumes long since ended,
 Due for years of pleasant reading,
 Due for years of anxious labor,
 Due despite of patient waiting,
 Due despite of constant dunning,
 Due in sums from two to twenty.

Would you lift a burden from us?
 Would you drive a spectre from you?
 Would you taste a pleasant slumber?
 Would you have a quiet conscience?
 Would you read a paper paid for?
 Send us money! Send us money!
 Send us money! Send us money!
 Send the money that you owe us.

DEFECTIVE ELECTROS.

There are very few color printers who have not, at one time or another, experienced disappointment at the faulty registration of their electros. Of course, this has nothing to do with the electrotyping process if the original blocks themselves do not fit; but it not unfrequently happens that the original blocks register accurately, although the electros taken from them do not, and it is to this point that we wish to direct particular attention. Wax is the material commonly used to form the matrices in electrotyping color blocks. This substance is more or less affected by atmospheric conditions; in a very cold temperature it shrinks in cooling more than it does in a warmer atmosphere. If, therefore, we have a set of blocks in six

printings, and three of them are moulded on one day and three on another, it is a mere chance if the whole register accurately; the difference in the temperature will probably cause a difference in the size of the electros, and this difference will be marked in the same ratio as the variation in the temperature at the time of the respective mouldings. The practical inference to be drawn from these facts is, that the whole of the original blocks of any subject should be sent to the electrotyper at the same time, and these should be moulded at once. The electrotyper, if he has had any experience of color blocks, does this for his own sake, whenever it is in his power to do so; but he has frequently no choice in the matter, the blocks being sent to him one working at a time; they are thus moulded under varying conditions of temperature, and the result is that the whole series may be faulty in register. An instance to illustrate: Ten electros from brass originals in five workings were urgently required, but one of the original blocks (the outline) could not be found; the first four workings were therefore sent to the electrotyper; these were moulded at once and fitted each other very accurately. The outline block was subsequently found and electrotyped by itself; when this came to be registered into the previous four workings it was found to be the thickness of a six-to-pica lead too small. The cardinal rule, therefore, in multiplying by the electrotype process is to have all your blocks of one subject moulded at the same time. If this is done, accurate register may generally be depended upon.—*Noble's Color Printing.*

NEWSPAPER NOMENCLATURE.

The names of newspapers cover a wide range and many of them are curiosities. There are names astronomical, as the *Sun* (Montgomery Ill., has a *Son*, and Iowa has a *Sac Sam*), the *Nightly Moon* (published at Battle Creek, Michigan), *Stars, Crescents, Planets, Globes, Worlds, Comets, Asteroids, Satellites and Meteors*, to say nothing of *Sunbeams, Rays and Eclipses*. There are names meteorological—*Breec, Cyclone, Tornado, Blizzard*, besides *Avalanches*, the Iuka, (Miss.) *Cosmic Gale*, and the St. Helen's *Oregon Mist*. There are *Months, Weeks, Days and Hours*, the *Hour* being a weekly, and *To-Day* and *Our Day* monthlies. There are *Phanixes, Eagles* of all descriptions, *Falcons, Hawks, Carrier Doves* (and *Olive Branches*), with *Porcupines, Wasps, Hornets*, a *Yellow Jacket, Bees*, and a *Queen Bee*. Of threatening names may be cited the *Lash, Flail, Quiver, Tomahawk* (especially Indiana's *Battle Ground Tippecanoe Tomahawk*), the *Cleaver, Firebrand, Iconoclast and Defiance*, and possibly the *Boomerang*. There are *Ledgers and Daybooks, Atlases, Argos, Argonauts and Argosies*, prententious *Paragons, Cynosures, Favorites and Nonpareils*, and modest *Dots and Lilliputians*. There is a *Lever* (Archimedean understood) and a *Magnet*. The *Horseshoe* brings Hot Springs good luck, and the *New Broom* sweeps Des Moines clean. Illinois has a *Walnut Motor* and Iowa a *Walnut Bureau*. Fayette, Iowa, has a *Postal Card*, and Elgin, Ill., a *Frank*. Indianapolis has *Scissors*, and its neighbor, Rockport, a *Pocket*. The printer's devil doubtless conducts the Valley Falls (Kan.) *Lucifer*. Round Rock, Texas, has a *Quid Nunc*, and Terre Haute, Ind., a *What Next?* Many of the trade papers are neatly named, such as the *Calico Print, the Gold Leaf, the Cash Grocer, the*

Cotton Plant, the Shroud, the Tobacco Leaf, the Sugar Bowl, the Wine and Ale Vault, the Millstone, Grain and Iron. Other papers, the titles of which show cleverness, are the Lewes (Del.) *Breakwater Light*, the *Woodbine Twiner* and *Tabor Mu Omichronicle* of Iowa, the *Burr Oak Acorn* of Michigan, the *Tombstone Epitaph* of Arizona, and the *Palmetto Post* of Port Royal, S. C. In the same category are to be included the *Cohoes Cataract*, the *Wareham Seaside Ripples*, the *Cape May Wave*, and the *Ocean Beach Crab*. No temperance paper in the United States makes any allusion in its headline to water, and but few of the religious journals have striking names. Among them may be cited the *Tongue of Fire*, *Restitution*, the *One-Plan Herald*, and *Our Brother in Red*. Dental science supports two remarkable papers, the *Dental Fairus* and the *Dental Headlight*. Little Rock has a *Deaf Mute Optic*, and Council Bluffs a *Deaf Mute Hawkeye*. Finally, among the odd, incongruous and inexplicable names borne by American newspapers may be cited the *Andalusia* (Ala.) *Wiregrass Watchman*, the *Watsonville* (Cal.) *Pajaronian*, the *Modesta* (Cal.) *Strawbuck*, the *Ouray* (Col.) *Solid Muldoon*, the *Hartford* (Conn.) *Journal of Inebriety*, the *Jacksonville Tropical Paradise*, and the *Wildwood Orange Leaf* of Florida; the *Mahomet Sucker State*, the *Ashmore Rose's Toothpick*, and the *Stone Fort Watchman at the Four Corners*, of Illinois; the *Romeo* (Mich.) *Hydrant*, the *Sedalia* (Mo.) *Bazoo*, and the *Canajoharie* (N. Y.) *Radii*.

THE MOST ANCIENT WOOD ENGRAVINGS.

Although carving in wood was practiced by almost all nations, in some form, at an early date, it only became an art when means were invented to obtain printed impressions from raised surfaces, such as the block printing of China and the similar manufacture of playing cards in Europe. Card-makers and figure-cutters are mentioned as a class in the Low Countries at the beginning of the fifteenth century. The figure of St. Christopher, with the date of 1423, was for a long time considered the earliest engraving from wood with an ascertained date; but a picture was afterwards found at Brussels, dated 1418, and a manuscript has recently been discovered, with two plates printed upon it, bearing the date of 1406. The history of Alexander, alleged to have been printed from wooden blocks in Italy, in 1284, has been accepted by some authors, and, although it is highly improbable that it was completed at so early a date, it is not impossible, for the reason that only a few years later Marco Polo published a description of Chinese printing, the knowledge of which might have been previously acquired by the merchants of Venice in their intercourse with the East. The block-books of the Netherlands are the first important European specimens of wood-engraving, and they seem to have been printed exactly after the Chinese method. Although the dates of these books cannot be ascertained with accuracy, there is strong confirmatory proof in the fact that one edition of the "Speculum Humanæ Salvationis," is in the dialect spoken in the Low Countries at the end of the fourteenth century, and the testimony of Ulric Zell upon the use of printed educational and religious books may be regarded as conclusive. Many of the pictures in these books illustrate the manner of Van Eyck, the leading artist of the Netherlands during the latter portion of the fourteenth century. Many

things in these works also exhibit the influence of the customs, tastes and fashions of the Dukes of Burgundy, whose initials and other insignia appear in the water-marks of the paper.

RE-ENGRAVING AND NEGATIVE TRANSFERRING.

These two nice processes, for which there is use very often in every lithographic establishment, are nevertheless unknown to a large percentage of workmen. We shall here give the best and simplest means of doing them.

To make a negative transfer—which means to have a reproduction made from any engraving so that the ground will be black and the design white—observe the following process: Make an impression with regular printing ink on transfer paper, then transfer this to a polished stone, perfectly clean from any gum, etc. After the transfer is made, if any of the transfer paper is sticking to the stone, wet the paper with clean water, and be careful not to put any pressure on it or rub it; then, after taking the paper off, put some water on another part of the stone, and let it run over the transfer slowly, so that it will do no harm to the drawing. After the stone is perfectly dry—made so without touching the transfer—take the finest bronze powder and bronze the transfer as you would an impression on paper; dust the bronze off with soft, clean cotton, and put, with a very soft brush, lithographic tushe on every part of the stone, all over the transfer where you want a black ground. After ten minutes take all the tushe off with water and a sponge, which will work easily if the tushe is not dry, which must be prevented by putting tushe enough on so that it will not dry in ten minutes. Use no turpentine. Now, when all the tushe is taken off, wash out the drawing or transfer, and by rolling with good stiff ink you will find the transfer represented as a fine, sharp, white drawing on a black background, and the negative transfer is finished ready for use.

We turn now to a new process called re-engraving, but little known, yet very useful. Every lithographic printer knows that an impression from an engraving is always sharper and brighter than one from a transfer; therefore, the re-engraving process should be used for valuable engravings, all combination transfers, so-called original transfers on which much patching has been done, photo-lithographic work and reproductions and enlargements by the rubber process. Now, take such a negative transfer as mentioned before and observe the instructions given above, and, after rolling with stiff ink, put on finely pulverized resin and etch the drawing with acetic acid (mixed one part acetic acid and nine parts water) about fifteen minutes, according to the character of the work. The thinking printer will give the deep places more than the fine ruling or other delicate parts. After the re-engraving is deep enough, clean the stone with very clean water and take only blotting-paper to dry the stone; then fill up the engraving with as much transfer ink as possible; take a piece of clean flannel and rub off all ink from the stone very carefully, so as not to disturb the ink in the engraving, and put on resin again; then take a piece of fine, smooth charcoal and rub off all the ink or grease remaining, and etch and gum in the regular way. After washing out this re-engraving, you will find you have an engraving easier to be printed from than an original.

MISCELLANEOUS ITEMS.

TURGENEFF'S correspondence has just been published in Russia. It consists of 488 letters.

MRS. JULIA WARD HOWE counts two hundred women employed on daily newspapers in this country.

MR. ALDRICH'S prose works are to be added by David Douglass, the Edinburgh publisher, to his list of reprints.

ONE-THIRD of the newspapers published in Italy bear the title of the *Gazette*, the title having been handed down from 1570.

THE London *Times* uses 2,250,000 types for printing each daily edition, and the other daily papers in that city not quite 1,000,000 each.

THERE are 2,800,000,000 copies of daily, weekly and monthly journals published annually in America, against 7,300,000,000 copies in England.

THE latest stroke of illustrated enterprise is given by the St. Louis *Globe-Democrat*, which prints the portraits of the leading hotel porters in that city.

THERE are 4,000 public libraries in the United States, containing 15,000,000 volumes, toward the support of which \$3,000,000 are annually paid.

THE French house of Marinoni, manufacturers of printing and lithographic presses, has sold, says the *Bulletin de l'Imprimerie*, 7,600 of its rotary presses.

THE *Bibliographer* will be published no more under that name. Mr. Eliot Stock announces that it will be incorporated in a new journal of similar character entitled *Book Love*.

WE think that a state toward which modern journalism must inevitably move is the substitution of larger sizes of type for the minute Agate, Nonpareil and Minion in which newspapers are now so frequently set.—*Penn Yarn Chronicle*.

BLONDE YOUNG LADY (apparently fishing for a compliment)—What type of beauty do you admire the most, Mr. Standinggalley? Mr. Standinggalley (a member of Typographical Union No. 2)—Nonpareil cast on a Minion body and set double leaded.

GENERAL GRANT is a very painstaking writer. His *Century* article on the battle of Shiloh was written and rewritten six times before he would let it go to the printers. He is now writing a history of the war, and has finished 1,200 or 1,500 pages of the manuscript.

AHMED JEVDET PASHA has just brought out at Constantinople the second volume of his history of Turkey, on which he has been engaged for at least a quarter of a century. He was among the first of the Ulema to acquire European languages, his express purpose in doing so having been the preparation of this work.

A REPRINT of the first edition of Mr. John Payne's complete translation of "The Thousand and One Nights" is announced by R. Worthington. The original edition had no illustrations, but the reprint has twenty-one etchings by Lalanze. These are to be printed on India paper. The edition will be issued at the rate of one volume a month, each volume costing five dollars.

THREE practical printers have just been appointed members of the printing committee of the Victoria (N. S. W.) legislative assembly for the present session. The British Parliament might, with advantage, copy this example, and include among the members of the printing committee some of the M. P.'s connected with the craft.

A RETIRED business man of Chicago, named Bergholtz, has published a volume containing the Lord's Prayer in 180 different languages, ancient and modern. The characters of the language are employed in nearly every instance. Mr. Bergholtz was engaged in the preparation of the work for about four years. It cost him, in money, the sum of \$3,000.

A NEW book-stitching machine has been constructed by a German firm. Instead of wire or a thread, a narrow but strong ribbon is used, and this method of stitching is said to unite all the advantages of the wire and thread methods without their drawbacks. A small chisel, connected with a hand-wheel, is set in motion to make holes for the ribbon, which is carried through it by means of double needles, the whole process being a very rapid one.

THE Germans are using every effort to increase their exports of paper, especially news paper and such as are largely composed of wood-pulp. The *Papier Zeitung* says that these papers are composed of from sixty to seventy per cent. of wood fibre and from forty to thirty per cent. of rags, soda cellulose pulp, sulphite pulp, etc. Notwithstanding the low prices, the German mills are enabled to pay dividends of from ten to fifteen per cent., a result attributable, amongst other causes, to the cheapness of the raw material.

"WILLIAM E. BURTON, Actor, Author and Manager, with Recollections of His Performances," is the enticing title given by Mr. William L. Keese to a work now nearly ready at the Putnams. The work will be richly illustrated and handsomely printed on laid paper in crown octavo form. No plates will be made, and the edition will be limited to five hundred copies. When these shall be printed the type will be distributed. A large paper edition, limited to fifty copies, will be issued for the benefit of those who may wish to add special illustrations.

A MAGNIFICENT and wildly expensive *edition de luxe* of Sappho's verse is, it is reported, on the press in London. Every fragment of the Lesbian's text is to appear in it, with an introductory essay and translations from the pen of one of the younger English poets. Opposite every page of text there is to be an etching by one of the most promising artists of the newer school of painting. The edition is to be strictly limited to one hundred and ten copies; it will only be printed privately; after the stated number have been struck off, the type will be distributed and the plates destroyed.

C. B. COLLINS is editor-in-chief of this paper; and we have quite a corps of assistants. The local editor is an observant young man of varied attainments. The agricultural editor doesn't know a pumpkin from a potato-bug, but he will learn during the next crop season. Our musical critic runs a genuine Cremona in the orchestra at Bower's Hall, and our marine editor has a scow on the San Marcos River. Our distinguished war correspondent, Sir Garnet Wolseley, is now in London, while our political editor has gone to interview Mr. Cleveland. We have no religious editor.—*Suling (Texas) Wasp*.

NEWSPAPER GOSSIP.

The *Freeman*, of Ebsenburg, Pa., has suspended.

A. M. Reed has leased the San Juan (Cal.) *Herald*.

The Sunbury (Pa.) *Daily News* is no longer published.

A. M. Louie is the new editor of the Odell (Neb.) *Optic*.

Frank E. Bible has purchased the *Democrat*, of Bellefonte, Pa.

The recent Milwaukee *Globe* sunk \$10,000 in its six weeks of life.

The Battle Mountains (Nev.) *Messenger* has suspended publication.

M. G. Morse has obtained a half-interest in the Napa (Cal.) *Journal*.

H. Burnham has secured a half-interest in the *Wymorean*, of Wymore, Neb.

The Lawrence (Kan.) *Gazette* has discontinued its daily afternoon issue.

R. E. Martin has sold the *Phonograph*, of St. Paul, Neb., to C. E. Forbes.

The Kittanning (Pa.) *Globe* has been enlarged from six to seven columns.

F. N. Boutwell has sold the *Enterprise*, of Leominster, Mass., to J. D. Miller.

H. L. Wilson has disposed of the La Fayette (Ind.) *Journal* to Wm. C. Frazier.

Frank McNall has been admitted to an interest in the *Herald*, of Hardin, Ill.

Lawson M. Noyer has disposed of the Rochester (Md.) *Republican* to F. M. Bilters.

J. R. N. Bell has become owner of the *Douglass Independent*, of Roseburg, Ore.

P. M. Baker has been made managing editor of the New Orleans *Times-Democrat*.

The "Herald Printing Company," of Leadville, Col., has sold out to H. A. W. Taylor.

M. E. Sanders has taken control of the Nanticoke (Pa.) *Sun*, under a lease for five years.

The *Rustler* is a new four-page daily at Billings, M. T. J. W. Kinsley is the publisher.

The *Times*, of Menomonee, Wis., has been transferred to the "Times Printing Company."

E. N. Goodchild has transferred the Connellsville (Pa.) *Courier* to Alfred M. Claybaugh.

The *Republican* is a new daily afternoon paper established at Sedalia, Mo., by W. F. Cloud.

J. T. Carr has become editor and proprietor of the Millville (Wis.) *Republican and Press*.

The *Iowa State Register*, of Des Moines, has been changed in form from a folio to a quarto.

The *Evening Courier* is a new four-page daily, started at Jackson, Mich., by W. P. Heaton.

Des Moines, Iowa, has a new German weekly, started by J. H. Weisbrod, called *Der Staat-Bote*.

Wm. & P. G. De Witt have started a new four-page weekly at Stephens, O., called the *Advances*.

The *Local Agriculturist* is a new weekly for farmers, established at Carey, O., by F. A. Rowley & Co.

J. D. Bridge & Co. have sold the *News*, of Colebrook, N. H., to the "Colebrook Publishing Company."

The *Index* is a new four-page weekly, started at Hartsel, Ala., by J. A. Johnson. It is Democratic in politics.

At Atchinson, Kan., Hall & Horn have started the *Advance*, a weekly of four pages. It is Democratic in politics.

Agua-Pura is the pertinent name of a weekly temperance journal started at Hastings, Neb., by Koch & Boyd.

The *Magazine* is a new eight-page semi-monthly, started at Dundee, Ind., by A. S. Wood. J. D. Elert is the editor.

Sparke is the title of a new society paper, published every Sunday morning at St. Joseph, Mo., by Edmund Bourke.

Omaha, Neb., has a new four-page daily afternoon paper called the *Evening Dispatch*. Wallace & Co. are the publishers.

L. Walker has disposed of the *Herald*, of Albany, Ore., to the owner of the *Disseminator*, of Harrisburgh, in the same State.

Wm. D. Theobalds has been succeeded in the publication of the *Daily Mail*, of Woodland, Cal., by the "Mail Publishing Company."

A new trade monthly has been started at Omaha, Neb., called the *Nebraska Druggist*. The "Nebraska Druggist Company," is the publisher.

St. Clair McKelway has resigned the managing editorship of the Albany (N. Y.) *Argus*, and joined the editorial staff of the Brooklyn *Eagle*.

The *Telephone* is a new weekly of four pages started at Graferine, Texas, by J. P. Vaughn. It is a champion of county wants and possibilities.

Haines & Sturgeon have commenced the issue of a daily paper at Harrisburg, Pa. The *Morning Call* is its name, and it is Republican in politics.

Wuertz & Lamp, publishers of the Kansas City (Mo.) *Post and Tribune*, have been succeeded by the "Post and Tribune Company," incorporated.

Keith & Woodridge have commenced the publication of the *News*, a four-page weekly, at Hamburg, Ark. It is to be devoted to local news and interests.

Warren Wilson has begun the issue of a twenty-four-page monthly at San Bernardino, Cal., with the title of *The Resources*, which aptly explains its objects.

Charles Hood is now associated with John G. Campbell in the publication of the Litchfield *Monitor*, which is the oldest paper in Montgomery County, Ill.

George K. Shaw, who recently sold his stock in the Minneapolis *Evening Journal*, has bought the St. Paul (Minn.) *Evening Dispatch*, paying \$40,000 for it.

The "Lakeside Press" has been incorporated in Chicago, Ill., with a capital of \$10,000. Arthur H. Gilbert, John H. Robinson and George Auley are the incorporators.

At Waverly, Tenn., Henry G. Driver has started the *Humphrey County News*, a weekly of four pages. It will look after home affairs and promote county interests.

Cutter & Wilson, proprietors of the Aden (Cal.) *Argus*, have dissolved partnership, Charles H. Cutter retiring from the firm. S. A. Wilson continues the publication alone.

F. V. Anderson has, at Richmond, Ind., commenced the publication of a four-page weekly called the *Vidette*. It is a champion of local interests and a disseminator of local news.

The Prohibitionists at Indianapolis, Ind., have organized a joint stock company, with a capital of \$15,000, for the purpose of publishing a State organ, to be called the *Indiana Constitution*.

The "Grand Union Printing and Publishing Co." has been incorporated at Chicago, with a capital of \$100,000. The incorporators are William H. Loomis, M. A. Loomis and E. S. Barnum.

The *Reporter*, of Towanda, Pa., and the *Journal*, of the same place, have been united. The consolidated paper bears the name of the *Reporter-Journal*, and is under the editorial control of H. F. Marsh.

The *Tippo-Tam-Tam* is the alliterative title of a new humorous journal started in Paris.

The *Indian Mirror* draws attention to the fact that a well-known journal in Bengali, the *Bharati*, is edited by a lady, Srimati Swarna Kumari Devi. She is not, however, the only Bengali lady who has distinguished herself in the field of journalistic literature, as the late Bama Sundari Devi started a vernacular magazine and conducted it with ability for many years.

LITERARY.

BOOKS AND MAGAZINES RECEIVED.

Lippincott's Magazine. Philadelphia. J. B. Lippincott & Co.

There is more than the average amount of highly interesting and timely reading in the February issue, which is bestowing high praise. Many readers will instinctively turn first to the article headed "Steering to Liverpool and Return." Just at this juncture, too, a universal interest attaches to the impartial account of "The Representation of the People in Parliament." A goodly number of good ladies may give first consideration to "Cats and Poets," from the pen of L. J. S.; the sole demerit of the article is its brevity. All who are desirous of a change in our method of filling public offices will attentively peruse "The Prussian Civil Service," comprehensively sketched by Alfred E. Lee. Anne Hampton Brewster has something new to say of the French metropolis in "The Palimpsest of Paris." Grace H. Peirce writes gracefully of "Aesthetic Children." Mary Agnes Tincker adds three chapters to her serial story, "Aurora." Helen Gray Tince and Florence Earle Coates are the poets of the number.

Godey's Lady's Book. Philadelphia. J. H. Haulenbeck & Co.

The February issue of this now foremost of magazines for the home has been rendered specially attractive and seasonable—well worthy the designation of "midwinter number." While all is chill and dreary without, *Godey's* makes Summer within-doors. In illustrations it is unusually rich; there are several colored fashion plates and a number of etchings for doilies, a fine and innocently facetious steel-plate—"Will You Be My Valentine?"—a picture of the Louise Home, a portrait of the second President, and a likeness of W. W. Corcoran, the venerable banker, art patron and philanthropist; there are, also, a series of process cuts, comprising fashion illustrations, models for needlework and valentine illustrations; and an architectural design. The literary department is even better cared for than the artistic. Helen Mathers proceeds with her fascinating serial. Christian Reid tells the "Story of an Elopement." George Birdseye contributes a poem. Emily Lennox contributes "On the Cornwall Coast." Mrs. H. G. Rowe has a pleasing story entitled "Marjorie's Knight." "Dining Room" is the title of an effective acting charade. Biographical sketches are given of President John Adams and William Wilson Corcoran.

One Hundred Years of Publishing. 1785-1885. Philadelphia. Lea Brothers & Co.

Business houses a century old are rare enough in America to merit a permanent remembrance of the completion of the one-hundredth year of the successful venture. In this sumptuous little volume is modestly given an account of the rise and progress of the publishing house of Lea Brothers & Co. Honorable dealing has for one hundred years been the guiding motto of this prosperous firm; an inflexible adherence to that principle has reared it on foundations deep and broad, and the old first rule of the house is as rigidly enforced to-day as when the firm was first established by Matthew Carey, one hundred years ago.

Stops; or, How to Punctuate. By Paul Allardyce. Philadelphia. George H. Buchanan & Co.

This is a new and concise treatise on a subject of the first importance to authors and printers. The author has a partiality for what has been technically termed "high pointing." In most instances, however, he is in accord with the best American authorities. By way of appendix, the well-printed little book contains clear directions for correcting printer's proofs.

The same firm have also issued a library edition of the celebrated poem, "No Sect in Heaven." It is printed from large, new type on fine laid paper, and is enclosed in a folded paper cover, printed in two colors.

Directory of Paper Makers in the United Kingdom. London. Marchant, Singer & Co.

This directory contains an alphabetical list of all the paper and mill-board makers in England and Wales, Scotland, Ireland and the Isle of Man; the London representatives of all the papermakers; alphabetical lists of mills, with the names of the occupiers; classification of makes, with the makers' names; trade designations used as watermarks, etc., by papermakers and wholesale stationers; and a directory of wholesale stationers.

Mam'selle Eugenie. By Henry Greville. Philadelphia. T. B. Peterson & Bros.

A Russian love story this, with a powerful original plot, ingeniously worked out to a surprising and pleasing conclusion. The author has made a close study of Russian life and manners while passing many years of her life in Russia. She gives rare glimpses into the homes of a nation little known in America. The book is a welcome relief from the conventional stories of high life in England and low life in France; its sparkle and freshness make it doubly welcome to a wide circle of readers.

The Bride's Fate. By Mrs. Emma D. E. N. Southworth. Philadelphia. T. B. Peterson & Bros.

Not a new romance this, but a deeply absorbing one, possessing a fascinating, well-sustained interest, which has made it a prime favorite with all classes of novel readers. The present edition, gotten up in excellent style, from new, large type, on heavy tinted paper, is sold at the low price of seven-fifty cents. There are 488 pages in the book.

OBITUARY.

Christian E. Spangler, of the firm of E. J. Spangler & Co., envelope manufacturers at 507 Minor Street, died at his residence in Merchantville, N. J., on February 12, in his seventy-sixth year. He was said to be the last survivor of the original Directors of the Pennsylvania Railroad Co. He was elected to the Board in 1846, and remained a member until 1857. He was also one of the incorporators of the Tremont, Plittston, Summit Branch, Kittanning and Moshannon Coal Companies, the Locust Mountain Coal and Iron Company, the Westmoreland Gas and Coal Co., the Moshannon Land and Lumber Co., the Lawrence Coal and Iron Co., and the Greenwich Improvement and Railroad Co. Mr. Spangler was a descendant of Michael Spangler, who emigrated from Heidelberg, Germany, and settled in Lancaster County in 1737. He was born at the old homestead, September 23, 1809, and was educated at the Lebanon Academy. After coming to Philadelphia he entered the employ of Eckel & Warne, wholesale dry-goods dealers. In 1837 he became a member of the firm of Eckel, Spangler & Raiguel, and retired after being in the business ten years. In his youth he was a member of the Tulpehocken German Reformed Church. He connected himself with the First Reformed Church, on Crown Street, Philadelphia, and was a trustee, deacon, elder, Sunday-school teacher and superintendent. On removing to Merchantville, in 1872, he joined the First Presbyterian Church of that place, and was afterwards elected a trustee. He was also a Sunday-school teacher at the age of seventy-three years. Mr. Spangler was prominently identified with benevolent and charitable work and was a life member of the following organizations: American and Foreign Missions Society, American Sunday-School Union, Pennsylvania Historical Society, Young Men's Christian Association, Pennsylvania Hospital for the Insane, Sabbath Association, Philadelphia Tract Society and Philadelphia Soup Society. He was also a manager of the Home Mission Society of Philadelphia. Two sons and two daughters survive him.

Joshua S. Day, a gentleman well known in business circles, intimately connected with journalism, and one of the proprietors of the Trenton (N. J.) *True American*, died on February 9, after a week's severe illness. Deceased was born in New York City, March 4, 1828, and was taken to Elizabeth, N. J., where, on reaching manhood, he engaged in mercantile pursuits with his father. In 1855 he went to Trenton, and entered the employment of David Naar, the proprietor of the *True American*. He retained the position until 1866, when he became one of the firm of Naar, Day & Naar. He was business manager of the concern, filling that position until his death.

Thomas S. Fling, Sr., died in Philadelphia, February 14, aged seventy-one years. He was a well-known book compositor, having been employed in the office of J. B. Lippincott & Co. for nearly thirty years. He was a member of the Philadelphia Typographical Society, Social Friends' Lodge, No. 19, K. P., and Typographical Union No. 2.

Edwin C. Wilgus, compositor, died in Philadelphia, on February 15. He was a member of Vigilant Lodge, No. 155, I. O. O. F.; Fredonia Encampment, No. 36, I. O. O. F.; Sparta Lodge, No. 10, K. P., and Typographical Union No. 2.

THE FUTURE NEWSPAPER.

A few hundred years, says a writer in the *Portland (Me.) Transcript*, make a future beyond all comprehension; we have no idea of the possibilities, except by contrasting the past with the present. A newspaper of one hundred years ago is a curiosity of more value than thousands-of-years-old pottery and bric-a-brac. Why? Because it gives a true history of the time when published; it relates facts that would otherwise be unknown; it touches facts beneath the historian's notice, yet of real interest to the people of to-day.

Take one year's file of any metropolitan daily of 1884 one hundred years from now, and you will have a history of the world beyond comparison. No historian would dare compete with the simple newspaper bought anywhere for two or three cents, worth to future generations sums not to be covered by money—in fact beyond value. All this has come about in one hundred years. Now add a few hundred years to the progress of the newspaper, and what will be the outcome?

First—Every town will have a paper of its own.

Second—Type will be set by machinery with the rapidity of electricity.

Third—Every paper will contain a directory of every soul in town, giving full name, age, description, weight, and business; directly below these facts a space will be left, and daily the varied movements of individuals will be given; no matter how simple the fact, it will appear, and make a diary every day, such as many privately keep at present.

Fourth—A list of births, deaths and marriages will appear, including the whole world.

Fifth—The paper will be bulky, but not disagreeably so; a table of contents will readily put the reader in the right track, and book form about the size of the *Transcript* will make an easily handled paper, which will be sufficiently stiff to hold easily. No event will be too small to appear; all business, pleasure, sorrow, will be depicted in concise and appropriate form. As a reference, the paper of the future will equal the encyclopædia of to-day.

RATES OF SUBSCRIPTION AND ADVERTISING.

The *PRINTERS' CIRCULAR* is issued monthly, at One Dollar per annum invariably in advance. Single Copy, Ten Cents.

RATES OF ADVERTISING.

	1 Month.	3 Months.	6 Months.	1 Year
One Page	\$25 00	\$70 00	\$125 00	\$200 00
Half Page	15 00	40 00	70 00	125 00
Quarter Page	8 00	30 00	35 00	65 00
Four Lines	1 00	2 50	4 50	9 00
Cover Pages, \$25 each month, net.				
THREE COLUMNS TO A PAGE.				
One Inch	2 00	4 00	7 00	12 00
Two Inches	3 00	7 00	12 00	20 00
Three Inches	4 00	10 00	18 00	35 00
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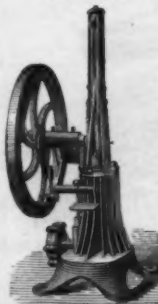
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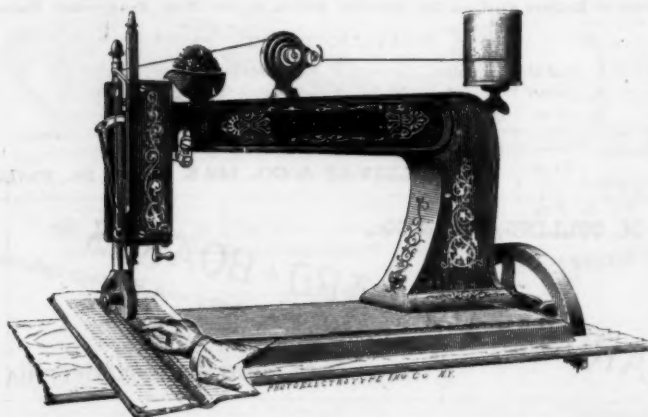
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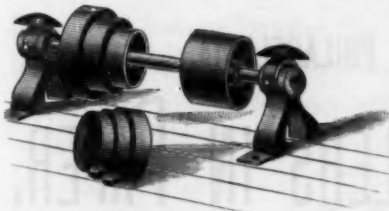
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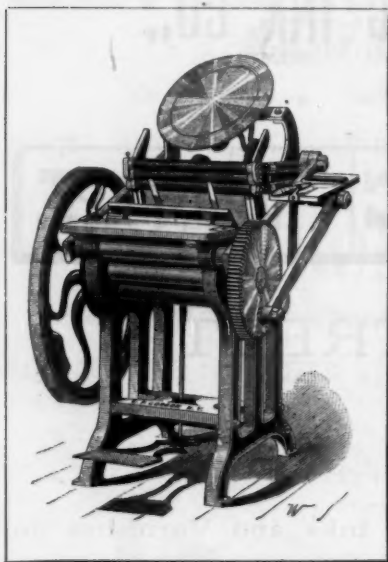
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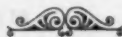
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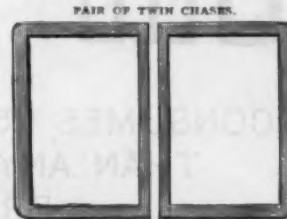
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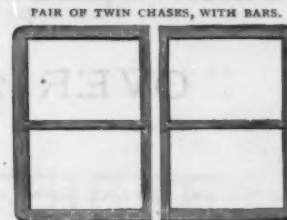
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No.	Size of Pair, over all.	Size each, inside.	Price, pair.
1,	17 x 21	15 x 8 $\frac{3}{4}$	\$10 00
2,	20 x 25	18 x 10 $\frac{3}{4}$	11 00
3,	24 x 29	22 x 12 $\frac{3}{4}$	12 00
4,	26 x 34	23 $\frac{3}{4}$ x 15	13 00
5,	29 x 42	26 $\frac{3}{4}$ x 19	14 00
6,	32 x 47	29 $\frac{3}{4}$ x 21 $\frac{3}{4}$	15 50
7,	35 x 51	32 $\frac{3}{4}$ x 23 $\frac{3}{4}$	17 00
8,	38 x 55	35 $\frac{3}{4}$ x 25 $\frac{3}{4}$	18 50
9,	41 x 60	38 $\frac{3}{4}$ x 27 $\frac{3}{4}$	20 00



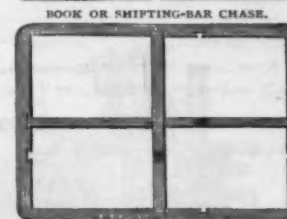
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1,	17 x 21	15 x 8 $\frac{3}{4}$	\$13 50
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4,	26 x 34	23 $\frac{3}{4}$ x 15	16 50
5,	29 x 42	26 $\frac{3}{4}$ x 19	17 50
6,	32 x 47	29 $\frac{3}{4}$ x 21 $\frac{3}{4}$	19 00
7,	35 x 51	32 $\frac{3}{4}$ x 23 $\frac{3}{4}$	20 50
8,	38 x 55	35 $\frac{3}{4}$ x 25 $\frac{3}{4}$	22 00
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4,	26 x 34	23 $\frac{3}{4}$ x 31 $\frac{3}{4}$	9 50
5,	29 x 42	26 $\frac{3}{4}$ x 39 $\frac{3}{4}$	10 00
6,	32 x 47	29 $\frac{3}{4}$ x 44 $\frac{3}{4}$	11 00
7,	35 x 51	32 $\frac{3}{4}$ x 48 $\frac{3}{4}$	12 00
8,	38 x 55	35 $\frac{3}{4}$ x 52 $\frac{3}{4}$	13 00
9,	41 x 60	38 $\frac{3}{4}$ x 57 $\frac{3}{4}$	14 00



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No.	Size each, over all.	Size each, inside.	Price, each.
1,	17 x 21	15 x 19	\$5 00
2,	20 x 25	18 x 23	5 50
3,	24 x 29	22 x 27	6 00
4,	26 x 34	23 $\frac{3}{4}$ x 31 $\frac{3}{4}$	6 50
5,	29 x 42	26 $\frac{3}{4}$ x 39 $\frac{3}{4}$	7 50
6,	32 x 47	29 $\frac{3}{4}$ x 44 $\frac{3}{4}$	8 00
7,	35 x 51	32 $\frac{3}{4}$ x 48 $\frac{3}{4}$	00
8,	38 x 55	35 $\frac{3}{4}$ x 52 $\frac{3}{4}$	10 00
9,	41 x 60	38 $\frac{3}{4}$ x 57 $\frac{3}{4}$	11 00



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1,	17 x 21	15 x 19	\$5 00
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3,	24 x 29	22 x 27	7 00
4,	26 x 34	23 $\frac{3}{4}$ x 31 $\frac{3}{4}$	8 00
5,	29 x 42	26 $\frac{3}{4}$ x 39 $\frac{3}{4}$	9 00
6,	32 x 47	29 $\frac{3}{4}$ x 44 $\frac{3}{4}$	10 00
7,	35 x 51	32 $\frac{3}{4}$ x 48 $\frac{3}{4}$	11 00
8,	38 x 55	35 $\frac{3}{4}$ x 52 $\frac{3}{4}$	12 00
9,	41 x 60	38 $\frac{3}{4}$ x 57 $\frac{3}{4}$	13 00



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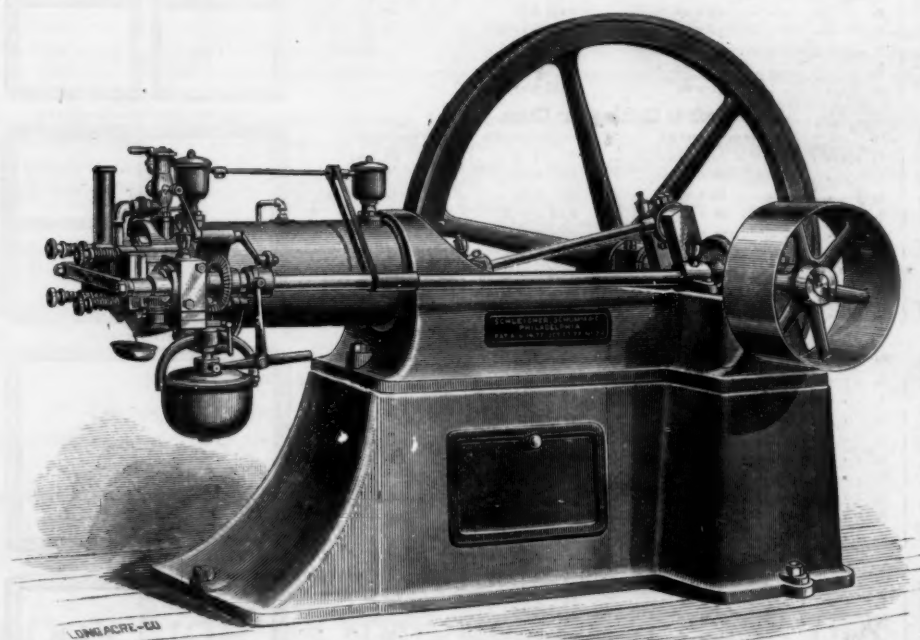
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16A 46a NONPAREIL GEOMETRIC ITALIC. \$2.75.

THIS SERIES IS NOW COMPLETE IN ALL THE SIZES

From Nonpareil to Double Pica, and it will be found a most useful
letter in the composition of Light and Elegant Jobbing.

It "lines" with the "Geometric" Series

12,345 67,890

16A 46a BREVIER GEOMETRIC ITALIC. \$3.50.

ALL THE SIZES OF THIS LETTER

Are supplied with diæresis accents [â, ô, û], which
makes it especially valuable for German work

Other accents can be had to order

8A 20a GREAT PRIMER GEOMETRIC ITALIC. \$4.50.

BE WISE! OPEN YOUR PURSE AND BUY
And Grow Rich by the Diligent Use of These Attractive
Artistic and Useful Letters

Rich Designs

Finely Finished


 ✦ CONDENSED ✦ GEOMETRIC ✦

22A 30a PICA CONDENSED GEOMETRIC. \$3.75.

CORDIAL NEIGHBORS CANNOT BE DEPENDED ON TO LEND YOU COAL.

✦ THE ✦ MEN ✦ WHO ✦ IMAGINE ✦ FRIENDSHIP ✦ CAN ✦ BORROW ✦ AT ✦ THE ✦ BANK ✦ WILL ✦ BE ✦ DISAPPOINTED ✦

✦ 12345 ✦ Ask no Sympathy to Endure Longer than it Takes Tears to Dry ✦ 67890 ✦

✦ He ✦ Who ✦ Expects ✦ Least ✦ of ✦ the ✦ World ✦ Has ✦ the ✦ Fewest ✦ Disappointments ✦

22A 30a GREAT PRIMER CONDENSED GEOMETRIC. \$4.25.

✦ Modern ✦ Wisdom ✦ Superseding ✦ the ✦ Solomonian ✦

✦ MAXIM ✦ DISPENSED ✦ BY ✦ PRESIDENT ✦ GARDNER ✦ OF ✦ THE ✦ LIME ✦ KILN ✦ CLUB ✦

It is Safer to Steal \$1,000,000 than a 5 Cent Loaf of Bread

12A 16a DOUBLE PICA CONDENSED GEOMETRIC. \$4.00.

TEACHING ASTROLOGIC SCIENCE

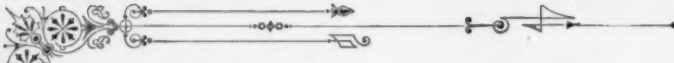
✦ SUPERABUNDANT ✦ TREATISES ✦ UPON ✦ ASTRONOMY ✦

224 Days and 16 Hours Give Venus a Year

9A 12a DOUBLE GREAT PRIMER CONDENSED GEOMETRIC. \$5.45.

✦ THIS ✦ LOVER ✦ NEEDS ✦ NO ✦ CHEEK ✦

Gent of 65 Courting Maid of 17



Geometric Gothic.



20A 302 PICA GEOMETRIC GOTHIC. \$3.25.

TROUBLESOME TEUTONIC TOURNAMENT

Great German General Guarding Gothic Grandeur 'Gainst Growing Good
80 Enemies Extremely Exhausted

16A 202 GREAT PRIMER GEOMETRIC GOTHIC. \$3.75.

MUCH MERRIMENT MADE MANIFEST

Anglican Antiquaries Awaiting Auriferous Automaton
Last Longing Lingerer Leaving

10A 152 DOUBLE PICA GEOMETRIC GOTHIC. \$4.00.

ONE OPPORTUNITY OPEN

Edicts Ejecting Educational Emissaries

5A 82 DOUBLE GREAT PRIMER GEOMETRIC GOTHIC. \$5.00.

Bismarck Beaten DECISIVE DENOUEMENT

Canon Size Nearly Ready.



Geometric Antique.

18A 24A PICA GEOMETRIC ANTIQUE. \$3.95.

CLEAR CLEAN CUT

Letters Are the Easiest to Read
If at any Great Distance
1234567890

12A 16A GT. PRIMER GEOMETRIC ANTIQUE. \$3.75.

POSTER WORK

Demands Such Letters
Clear and Distinct

8A 10A DOUBLE PICA GEOMETRIC ANTIQUE. \$4.00.

Time and Tide Never Linger

GRIM DEATH SENDS NO CARDS

4A 6A DOUBLE GREAT PRIMER GEOMETRIC ANTIQUE. \$5.00.

Fair Fond Maiden

SO TENDER AND TRUE

4A 5A CANON GEOMETRIC ANTIQUE. \$3.00.

Twenty Rods

ROUSING JUMP



Rococo



SERIES.

10A 10A GREAT PRIMER ROCOCO. \$4.65.

GREAT*INTERNATIONAL*CONTEST
BETWEEN*WORKMEN*AND*MACHINERY*
1784 BOTH SIDES VICTORIOUS 2084

8A 8A DOUBLE PICA ROCOCO. \$5.85.

MACHINERY*FOR*SPEED
HANDWORK*FOR*QUALITY*
THE CONFLICT STILL RAGING

5A 5A DOUBLE GREAT PRIMER ROCOCO. \$6.25.

LATEST*BULLETIN
NEWS*FROM*THE*FRONT
GREAT LOSS OF LIFE

Complete with Two Sets of Figures and the following Ornaments.



4A 4a. CANON HOGARTH. \$7.50.

✦KEEP✦to the✦RIGHT✦

6A 2a. DOUBLE PICA HOGARTH. \$4.60.

✦IS✦THE✦LAW✦OF✦TRAVEL✦

That Saves Much Confusion and Damage

Hogarth  Series.

4A 6a. DOUBLE GREAT PRIMER HOGARTH. \$5.50.

✦\$934,560✦Saved✦Every✦Year✦
GOOD MANAGEMENT

4A 4a. SIX-LINE PICA HOGARTH. \$16.50.

✦No✦Flat✦Snaps✦

---OWL TYPE



SPECIMENS ---

12A 12A GREAT PRIMER OWL TYPE, with Small Caps. \$5.00.

W 'TIS · MIDNIGHT'S · STILL · AND · SILENT · HOUR W
W THE LIGHTS ARE OUT IN YONDER MOSS-GROWN TOWER W
AND THE SOLEMN OWL DOTH SPEAK

10A DOUBLE PICA OWL TYPE. \$3.50.

· HARK! · HE · COMPLAINETH · TO · THE · MOON ·
W MAGAINST SLOUCH PRINTERS W

6A DOUBLE GREAT PRIMER OWL TYPE. \$4.25.

⟨AWAY! · I'LL · HAVE · NO · MORE⟩

W ODD · & · GROTESQUE W

W ESTHETIC W

DECORATIVE · DESIGNERS

W SUNFLOWER · HALL W

W 53 · OSCAR · AVENUE W

W WILDEVILLE W


 harper 
 Series. 

4A 9a, \$7.00. CANON HARPER. Rimmed Initials, 4A, \$3.50.

BEHOLD the Politician, he Goeth
through all the City. * * *

5A 10a, \$5.50. DOUBLE GREAT PRIMER HARPER. Rimmed Initials, 4A, \$2.25.

From North to South, from the East
even unto the West his Voice is Heard.

8A 16a, \$5.00. DOUBLE PICA HARPER. Rimmed Initials, 4A, \$1.50.

* AND lo! wheresoever he is found, a Cry goeth up
from the People: Turn the Rascals Out. * * *
* But the crafty Politician laugheth in his Sleeve. *

10A 16a, \$3.75. GREAT PRIMER HARPER. Rimmed Initials, 4A, \$1.00.

* * Immediately he goeth out to see a Man, for he knoweth that
it will be all right. * * When Election Day cometh he is early
at the Polls and Geteth his Work In right lively. * * * *

10A 24a, \$3.00. PICA HARPER. Rimmed Initials, 8A, \$1.50.

* * THEN is there a sound of Wailing throughout the Land, but the Politician is
happy for he has again triumphed, and will keep on doing it until he departeth for that
Land where the Woodbine twineth and the Wansdoodle mourneth for its first-horn. * *
* THEN SHALL THE PEOPLE BE AT REST IN THE SWEET BYE-AND-BYE *

SCRIBNER



SPECIMEN.

6A 12A 4A Initials. DOUBLE ENGLISH SCRIBNER.* \$8.55.

SUDDEN · AWAKENING · ON · A · MIDSUMMER · NIGHT

13 --- MAUDLIN · HOODLUMS --- 24

LUSTILY SHOUTING THIS FAMILIAR LYRIC.



12A 24A 6A Initials. GREAT PRIMER SCRIBNER.* \$7.25.

--- THERE · WERE · THREE · CROWS · SAT · ON · A · TREE,

WHO WERE AS BLACK AS ANY CROWS COULD BE ---

SAID · ONE · OLD · CROW · UNTO · HIS · MATE · ∴ ∴ ∴

“WHAT · CAN · WE · DO · FOR · FOOD · TO · ATE ?” -----



9A 18A 6A Initials. DOUBLE SMALL PICA SCRIBNER.* \$8.00.

--- THIS · SERIES · IS · NAMED · AFTER · THE · NOTED · PUBLISHERS ---

∴ WHO FIRST USED A SIMILAR LETTER ∴

THE · CURIOUS · FORMS · LATELY · CAST · IN · TYPE · METAL



* The Initials and Extension Pieces for Double English are cast on Double Great Primer and Nonpareil; those for Double Small Pica are cast on Double English and Nonpareil; and those for Great Primer are cast on Double Small Pica and Pearl. The difference between Double Great Primer and Double English is a Nonpareil; between Double English and Double Small Pica a Nonpareil, and between Double Small Pica and Great Primer a Pearl.

ELEGANT  RAPHAEL.

10A 15a GREAT PRIMER RAPHAEL. \$3.25

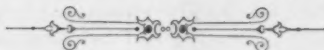
Enrapturing Display Appearing Diurnally
MOUNTAIN SUMMITS GILDED BY GLORIOUS SUNSETS

6A 8a DOUBLE PICA RAPHAEL. \$4.00.

43 Gloomy Funeral Anthems 62
RUSTLING BOUGHS IN AUTUMN WINDS

4A 6a DOUBLE GREAT PRIMER RAPHAEL. \$5.50.

Daring Somnambulists
INFLUENCES OF MOONLIGHT



❖ PACIFIC ❖ SERIES ❖

MADE BY THE NEW ENGLAND TYPE FOUNDRY CO., BOSTON, MASS.

6A 10a GREAT PRIMER PACIFIC. \$2.90.

MURDEROUS MIDNIGHT MARAUDERS
Carefully Concealing Communistic Conspirators in the Culverts

5A 8a DOUBLE PICA PACIFIC. \$3.75.

ARTISTIC ORNAMENTATION
A Judicious Application of Ornate Materials

Morning Glory.

The Song of "Home, Sweet Home" will be sung when this Generation is forgotten, and so long as there is a Home in the Land.

Dr. Holmes, speaking of the Perpetuity of this beautiful ballad, says of it that it is the one song of which none ever tire, however often they hear it, to quote his exact words:

"Mute are a hundred long-famed Lyres; Hushed all their golden Strings; One Lay the coldest Bosom fires, one Song, one only, never tires, while Sweet-voiced Memory sings: No Spot so lone but Echo knows that dear familiar strain; In Tropic Isles, on Arctic Snows, through burning Lips its Music flows, and rings its fond refrain."

1234567890

Home, Sweet, Sweet Home.

1234567890



DOUBLE GREAT PRIMER, 7A 12a, \$5.00.

DOUBLE PICA, 12A 20a, \$4.00.

GREAT PRIMER, 12A 32a, \$3.25.

All complete with figures.

BARGAIN PAGE.

SECOND-HAND PRESSES, ETC., FOR SALE.

CAMPBELL CYLINDER PRESS—

One Country Campbell Press, bed 31x46; in perfect order; \$750.

LIBERTY JOB PRESSES—

Eighth-medium, 7x11 in. with fountain; \$150.
Quarter " 10x15 " " \$200.
All in good order.

WASHINGTON HAND PRESSES—

One No. 4 Hoe Washington Hand Press, platen 24x37; \$175.
Super-royal Hoe, platen 22½x28, with iron roller apparatus, \$150.
The above are in warranted good order, and ready for immediate shipment.

RAMAGE HAND PRESS—

One Ramage Press, platen 12½x17; good order; \$45.

ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4¾x7¾ inches inside chase; good order; \$75.

GORDON CHASES (IN LOTS TO SUIT)—

40 Chases for Improved Quarter-medium Gordon Press, 10x15 in. inside; good as new; \$1 each.
50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

ACME SELF-CLAMPING CUTTER—

One 32-inch Acme Self-Clamping Cutting Machine, for steam and hand-power; in perfect order; \$275.

BOOKBINDERS' CUTTER—

One Riehl's Self-Clamping Cutter, 25-inch; for steam or hand power; in first-class order; \$100.

SEMPLÉ BOOK TRIMMER—

One Semplé Book Trimmer (lever), for hand-power; has extra head for small work; in good order; price, \$100.

RULING MACHINE—

One Double Ruling Machine, Hickok's make, in good order; \$150.

PERFORATOR—

Braidwood Rotary Perforator (hyphen), for steam power; cost \$600; price \$150.

STABBING MACHINE—

One Sanborn Stabbing Machine; all iron; treadle operation; three needles, adjustable; cost \$125; price \$65.

NEWSPAPER FOLDING MACHINE—

Forsyth's make; folds sheet 32x45½; folds long mail size, five folds; in first-class order; price, \$350.

NEWSPAPER PROOF PRESS—

Hoe & Co.'s, size 9x40 inches, for both curved and flat galleys; good order; price \$30.

STANDING PRESSES (FOR DRY PRESSING)—

One Evans Standing Press, all iron, bed 30x36 inches; in perfect order; price, \$175.
One Evans Standing Press, all iron, 27x29; price \$90.
One Boomer & Boschert Press, 20x29; in good order; price \$100.
One Standing Press, wood platen and bed, iron rods; double-geared; size 15x20 inches; price, \$40.

CALENDERING MACHINE—

One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$100.

DUSTING MACHINE—

Two rolls, with feather brushes; will dust a sheet 24x38, or longer; \$100.

STEREOTYPE MACHINERY—

One Steam Drying Press, platen 24x26; \$175.
One Job Casting Pan, iron frame; size 11x16; price, \$75; for paper process.
One Hoe Furnace and Metal Pot; diameter of pot 15 inches; capacity 330 lbs. metal, \$40.
One Chiseling Machine, \$40.

PLOW-KNIFE CUTTER—

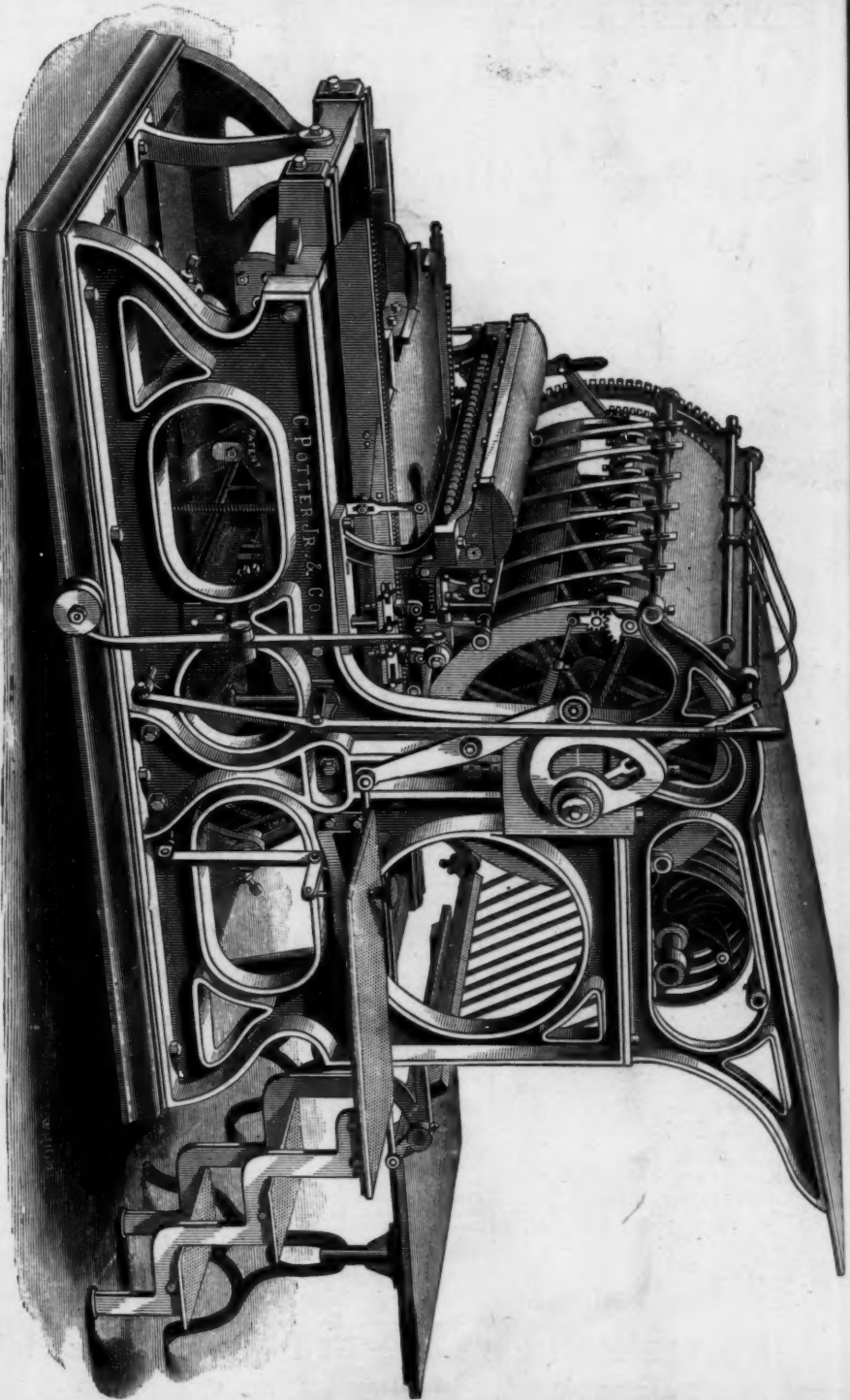
28-inch, wood frame; good order; price \$18.
28-inch, iron frame; good order; price, \$25.

BARBAIN PAPER

Second-Hand Paper, for Sale

Various columns of text, likely a list of items for sale or a detailed description of the paper's quality and availability. The text is faint and difficult to read.

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Ultra
Ultra
Naples
Fine
Poster
Poster



C. POTTER, JR., & CO.'S

IMPROVED LARGE CYLINDER PRESS--Two Rollers.

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OFFICE: 12 & 14 SPRUCE ST., NEW YORK.

BARGAIN PAGE.

SECOND-HAND PRESSES, ETC., FOR SALE.

CAMPBELL CYLINDER PRESS—

One Country Campbell Press, bed 31x46; in perfect order; hand or steam; price \$750 boxed and shipped.

LIBERTY JOB PRESS—

Quarter-medium, 10x15 in. with fountain; \$200.
In good order.

WASHINGTON HAND PRESSES—

One No. 4 Hoe Washington Hand Press, platen 24x37; \$175.

Super-royal Hoe, platen 22½x28, with iron roller apparatus, \$150.

One Rust Washington Hand Press (acorn-frame), platen 22x32; will print 6-column paper; price \$90.

The above are in warranted good order, and ready for immediate shipment.

RAMAGE HAND PRESS—

One Ramage Press, platen 12½x17; good order; \$45.

ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4¼x7¾ inches inside chase; good order; \$75.

GORDON CHASES (IN LOTS TO SUIT)—

40 Chases for Improved Quarter-medium Gordon Press, 10x15 in. inside; good as new; \$1 each.

50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

BOOKBINDERS' CUTTER—

One Riehl's Self-Clamping Cutter, 25-inch; for steam or hand power; in first-class order; \$100.

SEMPLÉ BOOK TRIMMER—

One Semplé Book Trimmer (lever), for hand-power; has extra head for small work; in good order; price, \$100.

RULING MACHINE—

One Double Ruling Machine, Hickok's make, in good order; \$150.

PERFORATOR—

Braidwood Rotary Perforator (hyphen), for steam power; cost \$600; price \$150.

NEWSPAPER FOLDING MACHINE—

Forsyth's make; folds sheet 32x45½; folds long mail size, five folds; in first-class order; price, \$350.

NEWSPAPER PROOF PRESS—

Hoe & Co.'s, size 9x40 inches, for both curved and flat galleys; good order; price \$30.

STANDING PRESSES (FOR DRY PRESSING)—

One Evans Standing Press, all iron, bed 30x36 inches; in perfect order; price, \$175.

One Evans Standing Press, all iron, 27x29; price \$90.

One Boomer & Boschert Press, 20x29; in good order; price \$100.

One Standing Press, wood platen and bed, iron rods; double-gearred; size 15x20 inches; price, \$40.

CALENDERING MACHINE—

One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$100.

DUSTING MACHINE—

Two rolls, with feather brushes; will dust a sheet 24x38, or longer; \$100.

STEREOTYPE MACHINERY—

One Steam Drying Press, platen 24x26; \$175.

One Job Casting Pan, iron frame; size 11x16; price \$75; for paper process.

One Hoe Furnace and Metal Pot; diameter of pot 15 inches; capacity 330 lbs. metal; \$40.

One Chiseling Machine, \$40.

PLOW-KNIFE CUTTER—

28-inch, iron frame; good order; price, \$20.



Pr

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Fine Car
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Rotary a



Extra F
Dark B
Light B
Light L
Ultrama
Ultrama

Naples
Fine Le
Fine Or
Poster I
Poster C



R. S. MENAMIN,

MANUFACTURER OF

Printing  Lithographic Black  Colored

INKS

Varnishes, Gold Size, &c.

Nos. 515, 517 & 519 MINOR STREET, PHILADELPHIA.

The undersigned is now manufacturing **BLACK AND COLORED INKS** of the very best qualities, which he is selling at prices as low as those of any manufacturer or dealer in the United States.

The **INKS** of each particular grade are unsurpassed in brightness of color; will work freely and dry quickly, and will not clog on the rollers.

SPECIAL INKS FOR SPECIAL WORK will be made at short notice, and any color will be matched when the shade of color is accompanied with a piece of the paper on which the job is to be worked.

PRINTERS' VARNISHES of all grades furnished by the pound, gallon, or barrel, at prices to suit.

LITHOGRAPHIC BLACK AND COLORED INKS AND VARNISHES, of the very best quality, always on hand.

PRICE LIST.

BLACK INKS.		Per lb.		
Fine Card or Wood Cut,	5.00	3.00	2.00	
Fine Gloss Cut,	3.00	2.00	1.00	
Extra Quick Drying Job, for hard sized and calend. paper,	2.00	1.50	1.00	75
Fine Job, for sized and calend. paper,	2.00	1.50	1.00	75 50
Extra Wood Cut, for Cylinder and Adam's Presses,	1.50	1.25	1.00	75
Wood Cut, for power presses,	75	50	40	30
Extra Fine Book,	1.00	75	50	
Good Book,	75	50	40	30
Hand-Press News,	30	25	20	15
Drum Cylinder News,				12
Rotary and Bullock News,				12

BLUE INKS.		Per lb.		
Extra Fine Bronze Blue,	2.50	2.00		
Light Blue,	3.00	1.50		
Dark Blue,	1.50	1.00	75	50
Light Blue,	1.00	75	50	
Light Label Blue,	75	50	40	
Ultramarine—Extra Fine,	3.00	2.00		
Ultramarine—Job & Poster,	1.50	1.00	75	50 40

YELLOW INKS.		Per lb.		
Naples Yellow,	2.00	1.50	1.00	
Fine Lemon Yellow,	3.00	1.50	1.00	
Fine Orange Yellow,	75	50	40	
Poster Lemon Yellow,	75	50	40	
Poster Orange Yellow,	75	50	40	

RED INKS.		Per lb.		
Carmine,	22.00	24.00	16.00	
Lake,	10.00	5.00	3.00	
Crimson Lake,		5.00	3.00	
Extra Fine Red,	10.00	5.00	4.00	
Fine Red,	3.00	2.50	2.00	
Fine Vermilion,	2.50	2.00	1.50	
Poster Red,	1.50	1.00	75	50 40
Orange Mineral,				40

PURPLE, AND OTHER SENSITIVE COLORS.		Per lb.		
Royal Purple,	24.00	16.00	8.00	
Mauve,			5.00	
Violet,			5.00	
Claret,			5.00	
Magenta,			5.00 3.00	

MISCELLANEOUS COLORED INKS.		Per lb.		
Lake Brown,			3.00	
Chocolate Brown,			1.50	
Fine Gold Size,	2.00	1.50	1.00	
Fine Raw Sienna,	2.00	1.50	1.00	
Snuff Brown,			2.00	
Fine Umber Brown,			1.50	
Fine Dark Brown,			3.00 1.00 75	
Fine Light Brown,			3.00 1.00 75	
Tints of all shades and colors,	2.00	1.50	1.00	
White Size,			1.50 1.00	
White Ink,	1.00	75	50 40	

GREEN INKS.		Per lb.		
Medium Green,			2.00	75
French Green,				3.00
Lake Green—Light,				3.00
Dark Green—Deep,	2.50	2.00	1.50	1.00
Fine Light Green,			2.00	1.50 1.00
Poster Green—Dark,				75 50
Poster Green—Light,				75 50

PRINTERS' VARNISH.

No. 0 for reducing Poster Inks,	35
" 1 " " Job " "	40
" 2 " " " " "	45
" 3 " " " " "	50
Quick Drying Varnish,	75 60 50

By the gallon at special rates.

LITHOGRAPHIC VARNISH.

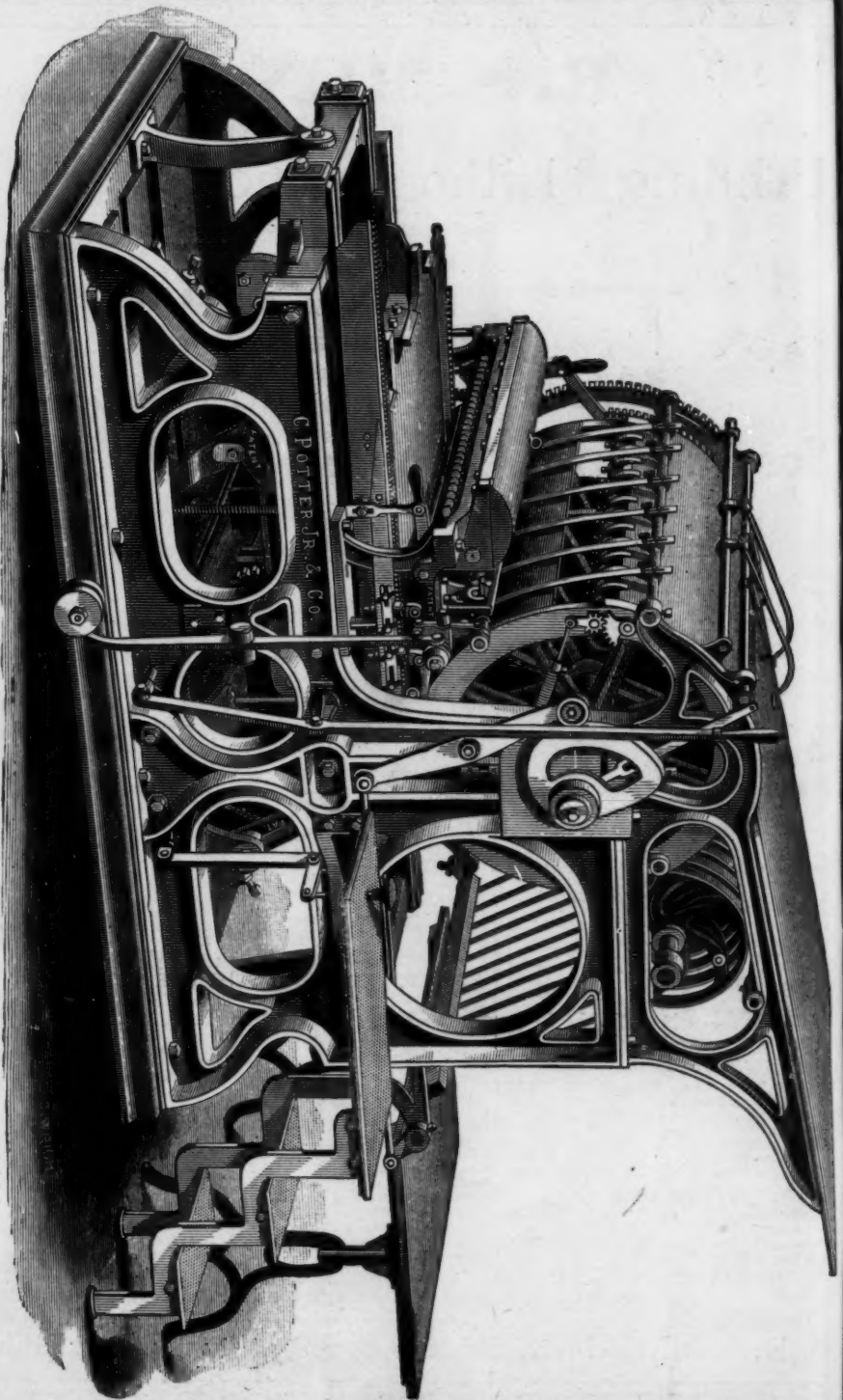
No. 0,	40
" 1,	40
" 2,	45
" 3,	50
" 4,	55
" 5,	65
" 6,	75

By the gallon at special rates.

These Varnishes are warranted free from all impurities.

Inks in Barrels and Kegs at Special Low Rates.

R. S. MENAMIN, 515, 517 & 519 Minor Street, Philadelphia.



C. POTTER, JR., & CO.'S

IMPROVED LARGE CYLINDER PRESS--TWO ROLLERS.

Send for Illustrated Catalogue showing Lithographic, Two-Revolution, Combination and Large Cylinder Machines

OFFICE: 12 & 14 SPRUCE ST., NEW YORK.

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SECOND-HAND PRESSES, ETC., FOR SALE.

GLOBE JOB PRESS—

One Quarter-medium Globe Job Press, 10x15 inches inside chase; with fountain and steam fixtures; in perfect order; price \$190.

LIBERTY JOB PRESS—

One Eighth-medium Liberty Job Press, 7x11 inches inside chase; in good order; price \$125.

WASHINGTON HAND PRESSES—

One No. 4 Hoe Washington Hand Press, platen 24x37; \$175.

Super-royal Hoe, platen 22½x28, with iron roller apparatus, \$150.

One Rust Washington Hand Press (acorn-frame), platen 22x32; will print 6-column paper; price \$90.

The above are in warranted good order, and ready for immediate shipment.

RAMAGE HAND PRESS—

One Ramage Press, platen 12½x17; good order; \$45.

ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4¼x7¾ inches inside chase; good order; \$75.

GORDON CHASES (IN LOTS TO SUIT)—

40 Chases for Improved Quarter-medium Gordon Press, 10x15 in. inside; good as new; \$1 each.

50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

ACME CUTTING MACHINE.

One 32-inch Acme Cutting Machine, for steam and hand power; in warranted good order; price \$275.

SEMPLÉ BOOK TRIMMER—

One Simple Book Trimmer (lever), for hand-power; has extra head for small work; in good order; price, \$100.

RULING MACHINE—

One Double Ruling Machine, Hickok's make, in good order; \$150.

NEWSPAPER FOLDING MACHINE—

Forsyth's make; folds sheet 32x45½; folds long mail size, five folds; in first-class order; price, \$350.

NEWSPAPER PROOF PRESS—

Hoe & Co.'s, size 9x40 inches, for both curved and flat galleys; good order; price \$30.

STANDING PRESSES (FOR DRY PRESSING)—

One Evans Standing Press, all iron, bed 30x36 inches; in perfect order; price, \$175.

One Evans Standing Press, all iron, 27x29; price \$90.

One Boomer & Boschert Press, 20x29; in good order; price \$100.

One Standing Press, wood platen and bed, iron rods; double-gearred; size 15x20 inches; price, \$40.

BOOKBINDERS' CUTTER—

One Riehl's Self-Clamping Cutter, 25-inch; for steam or hand power; in first-class order; \$100.

PLOW-KNIFE CUTTER—

28-inch, iron frame; good order; price, \$20.

CALENDERING MACHINE—

One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$100.

DUSTING MACHINE—

Two rolls, with feather brushes; will dust a sheet 24x38, or longer; \$100.

STEREOTYPE MACHINERY—

One Steam Drying Press, platen 24x26; \$175.

One Job Casting Pan, iron frame; size 11x16; price \$75; for paper process.

One Hoe Furnace and Metal Pot; diameter of pot 15 inches; capacity 330 lbs. metal; \$40.

One Chiseling Machine, \$40.



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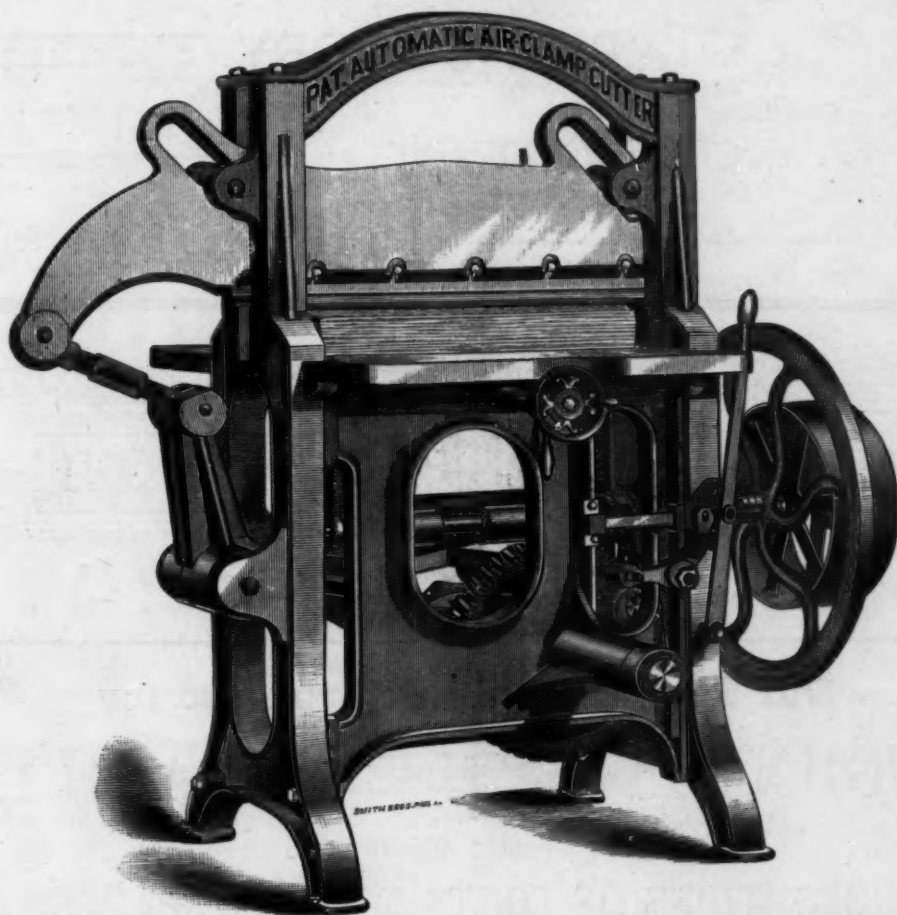
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"WASHINGTON" AUTOMATIC AIR-CLAMP CUTTING MACHINE,

(H. P. Feister's Patent.)



SIZES AND PRICES.

32-inch,	\$500	48-inch,	\$1050
36 "	650	52 "	1250
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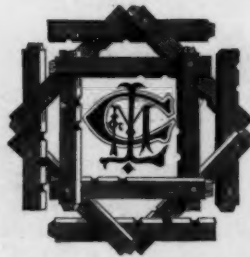
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One Eighth-medium "Improved" Gordon Press, 8x11 inches inside chase, with impression throw-off; in perfect order; price, \$175.

GLOBE JOB PRESS—

One Quarter-medium Globe Job Press, 10x15 inches inside chase; with fountain and steam fixtures; in perfect order; price \$190.

LIBERTY JOB PRESS—

One Eighth-medium Liberty Job Press, 7x11 inches inside chase; in good order; price \$125.

WASHINGTON HAND PRESSES—

Super-royal Hoe, platen 22½x28, with iron roller apparatus, \$150.

One Rust Washington Hand Press (acorn-frame), platen 22x32; will print 6-column paper; price \$90.

The above are in warranted good order, and ready for immediate shipment.

RAMAGE HAND PRESS—

One Ramage Press, platen 12½x17; good order; \$45.

ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4¾x7¾ inches inside chase; good order; \$75.

GORDON CHASES (IN LOTS TO SUIT)—

40 Chases for Improved Quarter-medium Gordon Press, 10x15 in. inside; good as new; \$1 each.

50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

SEMPLÉ BOOK TRIMMER—

One Semplé Book Trimmer (lever), for hand-power; has extra head for small work; in good order; price, \$100.

PLOW-KNIFE CUTTER—

28-inch, iron frame; good order; price, \$20.

"PARAGON" PAPER CUTTER—

One 22½ inch Paragon Cutter, in good order; new price, \$80; will be sold for \$55.

BOOKBINDERS' CUTTER—

One Riehl's Self-Clamping Cutter, 25-inch; for steam or hand power; in first-class order; \$100.

RULING MACHINE—

One Double Ruling Machine, Hickok's make, in good order; \$150.

NEWSPAPER FOLDING MACHINE—

Forsyth's make; folds sheet 32x45½; folds long mail size, five folds; in first-class order; price, \$350.

NEWSPAPER PROOF PRESS—

Hoe & Co.'s, size 9x40 inches, for both curved and flat galleys; good order; price \$30.

STANDING PRESSES (FOR DRY PRESSING)—

One Evans Standing Press, all iron, bed 30x36 inches; in perfect order; price, \$175.

One Evans Standing Press, all iron, 27x29; price \$90.

One Boomer & Boschert Press, 20x29; in good order; price \$100.

One Standing Press, wood platen and bed, iron rods; double-gearred; size 15x20 inches; price, \$40.

CALENDERING MACHINE—

One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$100.

DUSTING MACHINE—

Two rolls, with feather brushes; will dust a sheet 24x38, or longer; \$100.

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One Steam Drying Press, platen 24x26; \$175.

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One Chiseling Machine, \$40.

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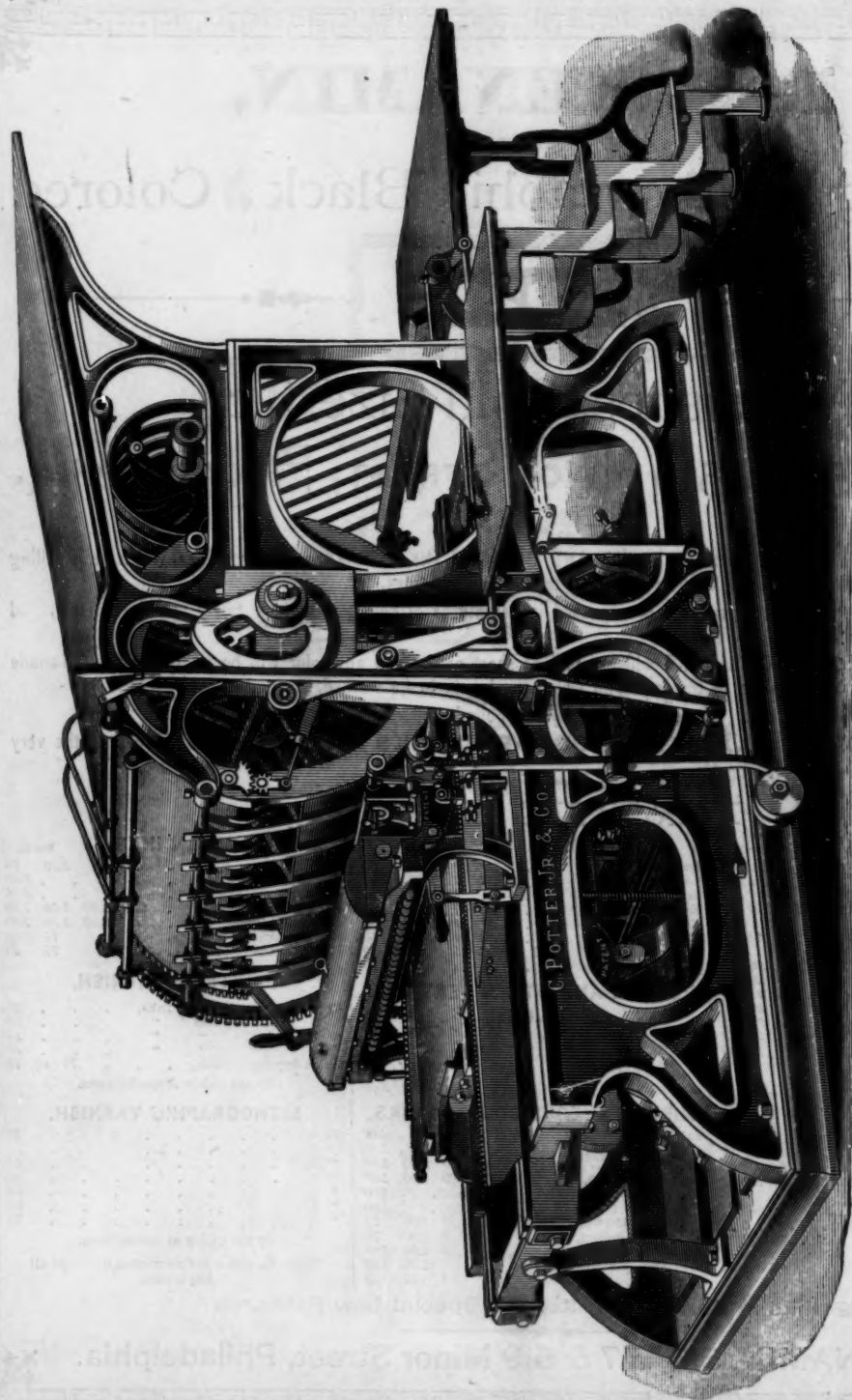
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Extra Quick Drying Job, for hard sized and calend. paper,	2.00	1.50	1.00	75	10.00	5.00	4.00	Lake Green—Light,	3.00	3.00	
Fine Job, for sized and calend. paper,	2.00	1.50	1.00	75	3.00	2.50	3.00	Dark Green—Deep,	3.50	3.00	
Extra Wood Cut, for Cylinder and Adam's Presses,	1.50	1.25	1.00	75	2.50	2.00	1.50	Fine Light Green,	3.00	1.50	
Wood Cut, for power presses,	75	50	40	80	1.50	1.00	75	Poster Green—Dark,	75	50	
Extra Fine Book,	1.50	75	50	80	Orange Mineral,	40	40	Poster Green—Light,	75	50	
Good Book,	75	50	40	80	PURPLE, AND OTHER SENSITIVE COLORS.			PRINTERS' VARNISH.			
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" " Light Blue,	2.00	1.50	1.50	Chocolate Brown,	1.50	1.50	1.50	" 1,	40		
Dark Blue,	1.50	1.00	75	60	Fine Gold Size,	2.00	1.50	1.00	" 2,	45	
Light Blue,	1.00	75	50	60	Fine Raw Sienna,	2.00	1.50	1.00	" 3,	50	
Light Label Blue,	75	50	40	60	Snuff Brown,	2.00	2.00	2.00	" 4,	55	
Ultramarine—Extra Fine,	3.00	3.00	3.00	60	Fine Umber Brown,	1.50	1.50	1.50	" 5,	65	
Ultramarine—Job & Poster,	1.50	1.00	75	60	Fine Dark Brown,	2.00	1.00	75	" 6,	75	
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					Tints of all shades and colors,	2.00	1.50	1.00	These Varnishes are warranted free from all impurities.		
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Fine Lemon Yellow,	2.00	1.50	1.00	White Ink,	1.00	75	50	40			
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One 32-inch Acme Cutting Machine, for steam and hand power; in warranted good order; price \$275.

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One eighth-medium, old-style Gordon press, 7x11 in. inside chase; in perfect order; price, \$125.

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One Quarter-medium Globe Job Press, 10x15 inches inside chase; with fountain and steam fixtures; in perfect order; price \$190.

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One Eighth-medium Liberty Job Press, 7x11 inches inside chase; in good order; price \$125.

WASHINGTON HAND PRESSES—

One Medium Hoe Hand Press, platen 19x25; in excellent order; price, \$125.

One Rust Washington Hand Press (acorn-frame), platen 22x32; will print 6-column paper; price \$90.

The above are in warranted good order, and ready for immediate shipment.

BRONSTRUP HAND PRESS—

One Washington Hand Press, platen 22½x29; wrought-iron frame; in good order; will print six-column paper; price, \$150.

RAMAGE HAND PRESS—

One Ramage Press, platen 12½x17; good order; \$45.

ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4½x7¾ inches inside chase; good order; \$75.

GORDON CHASES (IN LOTS TO SUIT)—

40 Chases for Improved Quarter-medium Gordon Press, 10x15 in. inside; good as new; \$1 each.

50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

BOOKBINDERS' CUTTER—

One Riehl's Self-Clamping Cutter, 25-inch; for steam or hand power; in first-class order; \$100.

PLOW-KNIFE CUTTER—

28-inch, iron frame; good order; price, \$20.

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One Semplé Book Trimmer (lever), for hand-power; has extra head for small work; in good order; price, \$100.

RULING MACHINE—

One Double Ruling Machine, Hickok's make, in good order; \$150.

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Forsaith's make; folds sheet 32x45¼; folds long mail size, five folds; in first-class order; price, \$350.

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Hoe & Co.'s, size 9x27 inches, complete with hard-wood stand; almost new; price, \$22.50.

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One Evans Standing Press, all iron, bed 30x36 inches; in perfect order; price, \$175.

One Evans Standing Press, all iron, 27x29; price \$90.

One Boomer & Boschert Press, 20x29; in good order; price \$100.

One Standing Press, wood platen and bed, iron rods; double-gearing; size 15x20 inches; price, \$40.

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One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$100.

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Two rolls, with feather brushes; will dust a sheet 24x38, or longer; \$100.

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One Hoe Furnace and Metal Pot; diameter of pot 15 inches; capacity 330 lbs. metal; \$40.

One Chiseling Machine, \$40.

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R. S. MENAMIN,

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The INKS of each particular grade are unsurpassed in brightness of color; will work freely and dry quickly, and will not clog on the rollers.

SPECIAL INKS FOR SPECIAL WORK will be made at short notice, and any color will be matched when the shade of color is accompanied with a piece of the paper on which the job is to be worked.

PRINTERS' VARNISHES of all grades furnished by the pound, gallon, or barrel, at prices to suit.

LITHOGRAPHIC BLACK AND COLORED INKS AND VARNISHES, of the very best quality, always on hand.

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Fine Card or Wood Cut,	5.00	3.00	2.00
Fine Gloss Cut,	3.00	2.00	1.00
Extra Quick Drying Job, for hard sized and calend. paper,	3.00	1.50	1.00 75
Fine Job, for sized and calend. paper,	2.00	1.50	1.00 75 50
Extra Wood Cut, for Cylinder and Adam Presses,	1.50	1.25	1.00 75
Wood Cut, for power presses,	75	50	40 30
Extra Fine Book,	1.00	75	50
Good Book,	75	50	40 30
Hand-Press News,	30	25	20 15
Drum Cylinder News,			20 12
Rotary and Bullock News,			15 12

BLUE INKS.

Extra Fine Bronze Blue,	2.50	2.00
" " Light Blue,	2.00	1.50
Dark Blue,	1.50	1.00 75 50
Light Blue,	1.00	75 50
Light Label Blue,	75	50 40
Ultramarine—Extra Fine,	3.00	2.00
Ultramarine—Job & Poster,	1.50	1.00 75 50 40

YELLOW INKS.

Naples Yellow,		2.00
Fine Lemon Yellow,	2.00	1.50 1.00
Fine Orange Yellow,	2.00	1.50 1.00
Poster Lemon Yellow,		75 50
Poster Orange Yellow,		75 50

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Carmine,	32.00	24.00	16.00
Lake,	10.00	5.00	3.00
Crimson Lake,		5.00	3.00
Extra Fine Red,	10.00	5.00	4.00
Fine Red,	3.00	2.50	2.00
Fine Vermilion,	2.50	2.00	1.50
Poster Red,	1.50	1.00	75 50 40
Orange Mineral,			40

PURPLE, AND OTHER SENSITIVE COLORS.

Royal Purple,	24.00	16.00	8.00
Mauve,			5.00
Violet,			5.00
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MISCELLANEOUS COLORED INKS.

Lake Brown,			3.00
Chocolate Brown,			1.50
Fine Gold Size,	2.00	1.50	1.00
Fine Raw Sienna,	3.00	1.50	1.00
Snuff Brown,			2.00
Fine Umber Brown,			1.50
Fine Dark Brown,	3.00	1.00	75
Fine Light Brown,	2.00	1.00	75
Tints of all shades and colors,	3.00	1.50	1.00
White Size,			1.50 1.00
White Ink,	1.00	75	50 40

GREEN INKS. Per lb.

Medium Green,			2.00 75
French Green,			3.00
Lake Green—Light,			3.00
Dark Green—Deep,	3.50	3.00	1.50 1.00
Fine Light Green,	3.00	1.50	1.00
Poster Green—Dark,			75 50
Poster Green—Light,			75 50

PRINTERS' VARNISH.

No. 0 for reducing Poster Inks,			35
" 1 " " Job "			40
" 2 " " " "			45
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Quick Drying Varnish,			75 60 60

By the gallon at special rates.

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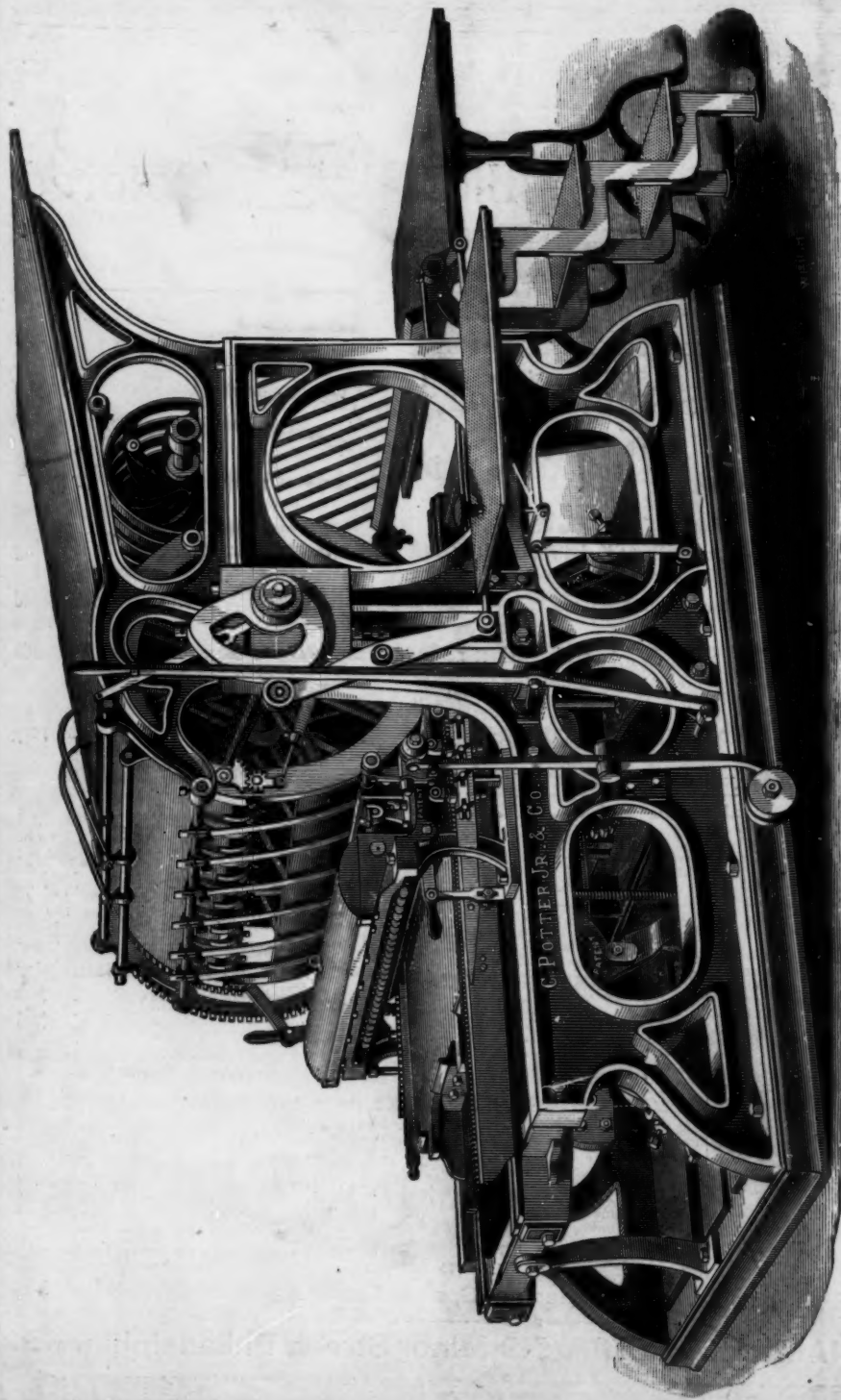
No. 0,			40
" 1,			40
" 2,			45
" 3,			50
" 4,			55
" 5,			65
" 6,			75

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One Half-medium "Improved" Gordon Press, 13x19 inches inside chase, with impression throw-off; almost new; price, boxed and shipped, \$335.

One Eighth-medium, old-style Gordon press, 7x11 in. inside chase; in perfect order; price, \$125.

GLOBE JOB PRESS—

One Quarter-medium Globe Job Press, 10x15 inches inside chase; with fountain and steam fixtures; in perfect order; price \$190.

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One Standing Press, wood platen and bed, iron rods; double-g geared; size 15x20 inches; price, \$40.

CALENDERING MACHINE—

One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$100.

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STEREOTYPE MACHINERY—

One Steam Drying Press, platen 24x26; \$175.

One Job Casting Pan, iron frame; size 11x16; price \$75; for paper process.

One Hoe Furnace and Metal Pot; diameter of pot 15 inches; capacity 330 lbs. metal; \$40.

One Chiseling Machine, \$40.

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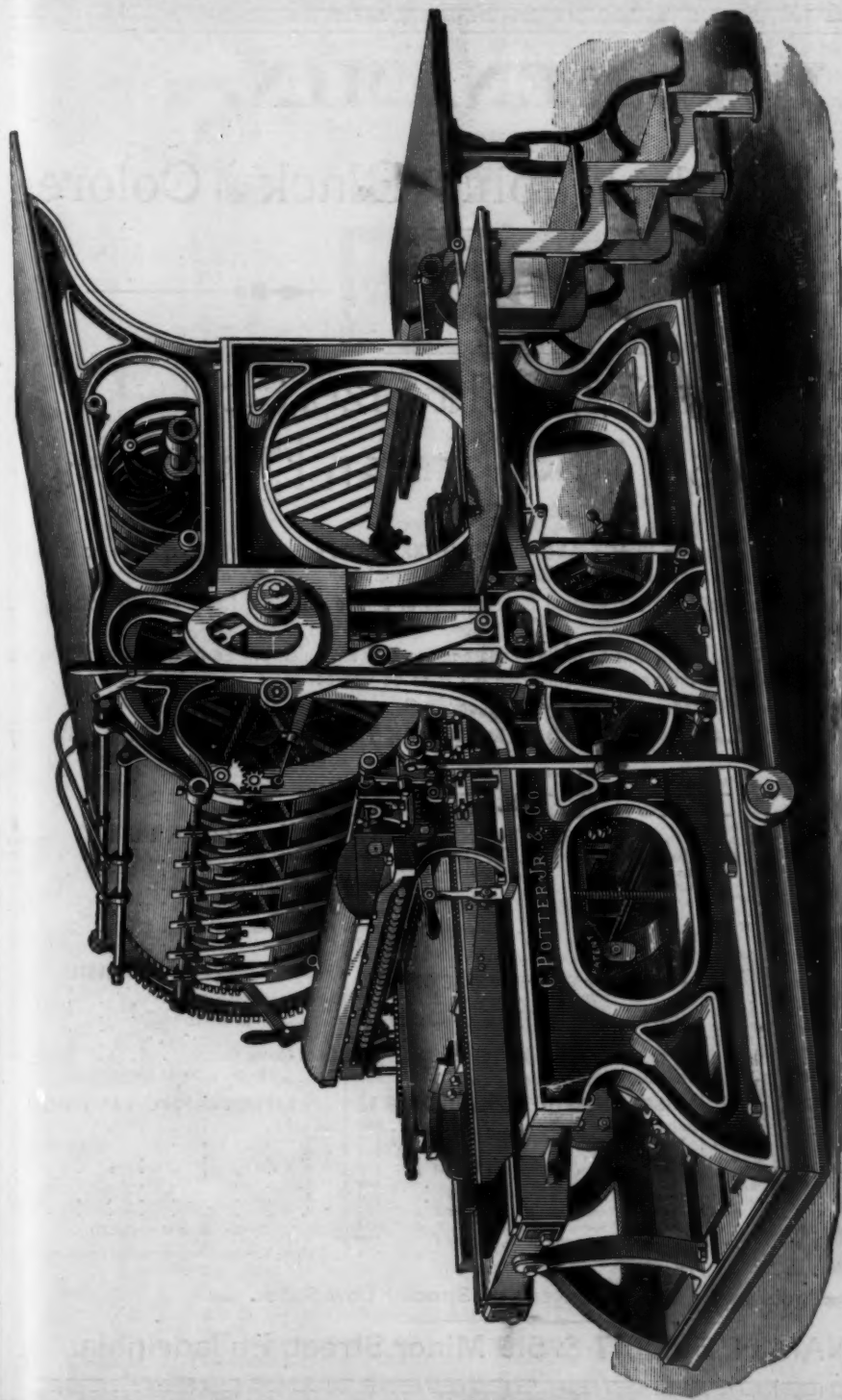


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Fine Gloss Cut,	3.00	3.00	1.00	Lake,	10.00	5.00	3.00	French Green,				3.00
Extra Quick Drying Job, for				Crimson Lake,		5.00	3.00	Lake Green—Light,				3.00
hard sized and calend. paper,	2.00	1.50	1.00	Extra Fine Red,	10.00	5.00	4.00	Dark Green—Deep,	3.50	2.00	1.50	1.00
Fine Job, for sized and calend.				Fine Red,	3.00	2.50	2.00	Fine Light Green,		2.00	1.50	1.00
paper,	2.00	1.50	1.00	Fine Vermilion,	2.50	2.00	1.50	Poster Green—Dark,			75	50
Extra Wood Cut, for Cylinder				Poster Red,	1.50	1.00	75	Poster Green—Light,			75	60
and Adam's Presses,	1.50	1.25	1.00	Orange Mineral,			40					
Wood Cut, for power presses,	75	50	40									
Extra Fine Book,	1.00	75	60									
Good Book,	75	50	40									
Hand-Press News,	30	25	20									
Drum Cylinder News,			20									
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BLUE INKS.				PURPLE, AND OTHER SENSITIVE COLORS.				PRINTERS' VARNISH.				
Extra Fine Bronze Blue,	2.50	2.00		Royal Purple,	24.00	16.00	8.00	No. 0 for reducing Poster Inks,				35
Light Blue,		2.00	1.50	Mauve,			5.00	" 1 " " Job "				40
Dark Blue,	1.50	1.00	75	Violet,			5.00	" 2 " " " " "				45
Light Blue,	1.00	75	50	Claret,			8.00	" 3 " " " " "				50
Light Label Blue,	75	60	40	Magenta,			5.00	Quick Drying Varnish,			75	60
Ultramarine—Extra Fine,	3.00	2.00						By the gallon at special rates.				
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YELLOW INKS.								" 1,				40
Naples Yellow,		2.00		Lake Brown,			3.00	" 2,				45
Fine Lemon Yellow,	2.00	1.50	1.00	Chocolate Brown,			1.50	" 3,				50
Fine Orange Yellow,	3.00	1.50	1.00	Fine Gold Size,	2.00	1.50	1.00	" 4,				55
Poster Lemon Yellow,		75	50	Fine Raw Sienna,	2.00	1.50	1.00	" 5,				65
Poster Orange Yellow,		75	50	Snuff Brown,			2.00	" 6,				75
				Fine Umber Brown,			1.50	By the gallon at special rates.				
				Fine Dark Brown,	2.00	1.00	75	These Varnishes are warranted free from all impurities.				
				Fine Light Brown,	2.00	1.00	75					
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One Eighth-medium Gordon Press, 7x11 inches inside chase; in perfect order; price, \$125.

GLOBE JOB PRESS—

One Quarter-medium Globe Job Press, 10x15 inches inside chase; with fountain and steam fixtures; in perfect order; price \$190.

LIBERTY JOB PRESS—

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One 9-col. Washington Hand Press, platen 26x42; \$200.
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ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4¾x7¾ inches inside chase; good order; \$75.

GORDON CHASES (IN LOTS TO SUIT)—

40 Chases for Improved Quarter-medium Gordon Press, 10x15 in. inside; good as new; \$1 each.

50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

PRINTERS' CUTTER—

One "Printers' Cutter," Sanborn's, 30 inch; in perfect order; price, \$125.

ACME CUTTING MACHINE.

One 32-inch Acme Cutting Machine, for steam and hand power; in warranted good order; price \$275.

PLOW-KNIFE CUTTER—

28-inch, iron frame; good order; price, \$20.

STRAW-BOARD CUTTERS—

One 30-inch, Schoettle's patent, \$45.

One 30-inch, Toulmin's patent, \$30.

EMBOSSING MACHINE—

One Embossing or Stamping Press, with steam fixtures; size of head, 12x15 inches; a heavy, substantial machine, in perfect order; price, \$350.

SEMPLE BOOK TRIMMER—

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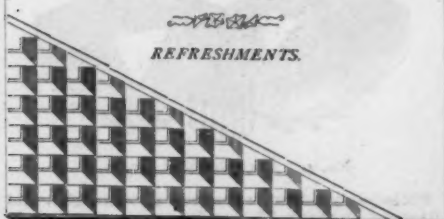
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PRINTERS' VARNISHES of all grades furnished by the pound, gallon, or barrel, at prices to suit.

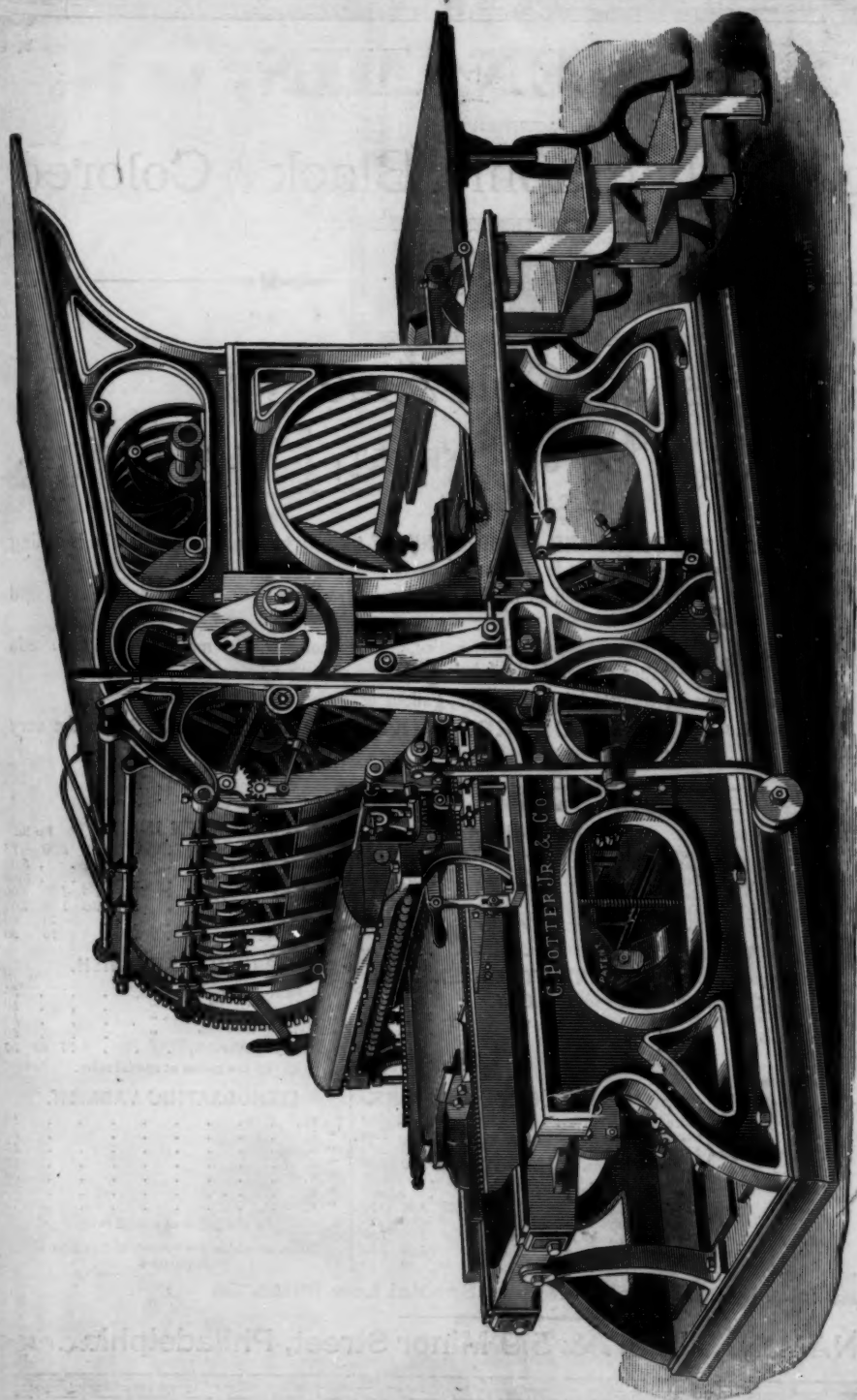
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Fine Card or Wood Cut,	5.00	3.00 3.00	Carmine,	32.00	21.00 16.00	Medium Green,		2.00 75
Fine Gloss Cut,	3.00	2.00 1.00	Lake,	20.00	5.00 3.00	French Green,		3.00
Extra Quick Drying Job, for hard sized and calend. paper,	2.00	1.50 1.00 75	Crimson Lake,		5.00 3.00	Lake Green—Light,		3.00
Fine Job, for sized and calend. paper,	2.00	1.50 1.00 75 50	Extra Fine Red,	10.00	5.00 4.00	Dark Green—Deep,	2.50	2.00 1.50 1.00
Extra Wood Cut, for Cylinder and Adam's Presses,	1.50	1.25 1.00 75	Fine Red,	3.00	2.50 2.00	Fine Light Green,		2.00 1.50 1.00
Wood Cut, for power presses,	75	50 40 30	Fine Vermilion,		2.50 2.00 1.50	Poster Green—Dark,		75 50
Extra Fine Book,		1.00 75 50	Poster Red,	1.50	1.00 75 50 40	Poster Green—Light,		75 50
Good Book,		75 50 40 30	Orange Mineral,					
Hand-Press News,		30 25 20 15						
Drum Cylinder News,		20 13						
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BLUE INKS.			PURPLE, AND OTHER SENSITIVE COLORS.			PRINTERS' VARNISH.		
Extra Fine Bronze Blue,	2.50	2.00	Royal Purple,	24.00	16.00 8.00	No. 0 for reducing Poster Inks,		35
" " Light Blue,		2.00 1.50	Mauve,		5.00	" 1 " " Job		40
Dark Blue,	1.50	1.00 75 50	Violet,		5.00	" 2 " " " "		45
Light Blue,		1.00 75 50	Claret,		8.00	" 3 " " " "		50
Light Label Blue,		75 50 40	Magenta,		5.00 3.00	Quick Drying Varnish,	75	60 50
Ultramarine—Extra Fine,		3.00 2.00						
Ultramarine—Job & Poster,	1.50	1.00 75 50 40						
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Fine Lemon Yellow,	2.00	1.50 1.00	Chocolate Brown,		1.50	" 1,		40
Fine Orange Yellow,	2.00	1.50 1.00	Fine Gold Size,	2.00	1.50 1.00	" 2,		45
Poster Lemon Yellow,		75 50	Fine Raw Sienna,	2.00	1.50 1.00	" 3,		50
Poster Orange Yellow,		75 50	Snuff Brown,		2.00	" 4,		55
			Fine Umber Brown,		1.50	" 5,		65
			Fine Dark Brown,	2.00	1.00 75	" 6,		75
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BLACK INKS.			RED INKS.			GREEN INKS.		
	Per lb.			Per lb.			Per lb.	
Fine Card or Wood Cut,	5.00	3.00 2.00	Carmine,	35.00	25.00 16.00	Medium Green,	2.00	75
Fine Gloss Cut,	3.00	9.00 1.00	Lake,	10.00	5.00 3.00	Francis Green,		3.00
Extra Quick Drying Job, for			Crimson Lake,	5.00	3.00	Lake Green—Light,		3.00
hard sized and calend. paper,	2.00	1.50 1.00 75	Extra Fine Red,	10.00	5.00 4.00	Dark Green—Deep,	3.50	2.00 1.50 1.00
Fine Job, for sized and calend.			Fine Red,	3.00	2.50 2.00	Fine Light Green,	2.00	1.50 1.00
paper,	2.00	1.20 1.00 75 50	Fine Vermillion,	2.50	2.00 1.50	Poster Green—Dark,		75 50
Extra Wood Cut, for Cylinder			Poster Red,	1.50	1.00 75 50 40	Poster Green—Light,		75 50
and Adam's Presses,	1.50	1.25 1.00 75	Orange Mineral,					
Wood Cut, for power presses,	75	50 40 30						
Extra Fine Book,		1.00 75 50	PURPLE, AND OTHER SENSITIVE					
Good Book,		75 50 40 30	COLORS.					
Hand-Press News,		30 25 20 15	Royal Purple,	25.00	16.00 8.00	PRINTERS' VARNISH.		
Drum Cylinder News,		20 12	Mauve,		5.00	No. 0 for reducing Poster Inks,		35
Rotary and Bullock News,		15 12	Violet,		5.00	" 1 " " Job "		40
			Claret,		3.00	" 2 " " " "		45
			Magenta,		5.00 3.00	" 3 " " " "		50
						Quick Drying Varnish,		75 50 50
			MISCELLANEOUS COLORED INKS.					
			Lake Brown,		3.00	By the gallon at special rates.		
			Chocolate Brown,		1.50	LITHOGRAPHIC VARNISH.		
			Fine Gold Size,	2.00	1.50 1.00	No. 0,		40
			Fine Raw Sienna,	3.00	1.50 1.00	" 1,		40
			Snuff Brown,		3.00	" 2,		45
			Fine Umber Brown,		1.50	" 3,		50
			Fine Dark Brown,	1.00	1.00 75	" 4,		55
			Fine Light Brown,	2.00	1.00 75	" 5,		65
			Tints of all shades and colors,	2.00	1.50 1.00	" 6,		75
			White Size,		1.50 1.00	By the gallon at special rates.		
			White Ink,	1.00	75 50 40	These Varnishes are warranted free from all		
						impurities.		

Inks in Barrels and Kegs at Special Low Rates.

R. S. MENAMIN, 515, 517 & 519 Minor Street, Philadelphia.

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R. S. MENAMIN,

MANUFACTURER OF

BLACK AND COLORED INKS

PRINTING * LITHOGRAPHIC * COPYING

BLACK AND COLORED INKS

Varnishes, Gold Size, Etc.,

515-521 MINOR STREET, PHILADELPHIA.

THE undersigned is now manufacturing BLACK AND COLORED INKS of the finest qualities, which he is selling at prices as low as those of any manufacturer or dealer in the United States. The INKS of each particular grade are unsurpassed in brightness of color; will work freely and dry quickly, and will not clog on the rollers.

The celebrated PRINTING COPYING INKS of CHARLES McILVAINE & Co. are now manufactured *exclusively* by the undersigned.

SPECIAL INKS FOR SPECIAL WORK will be made at short notice, and any color will be matched when the shade of color is accompanied with a piece of the paper on which the job is to be worked.

PRINTERS' VARNISHES of all grades furnished by the pound, gallon, or barrel, at prices to suit.

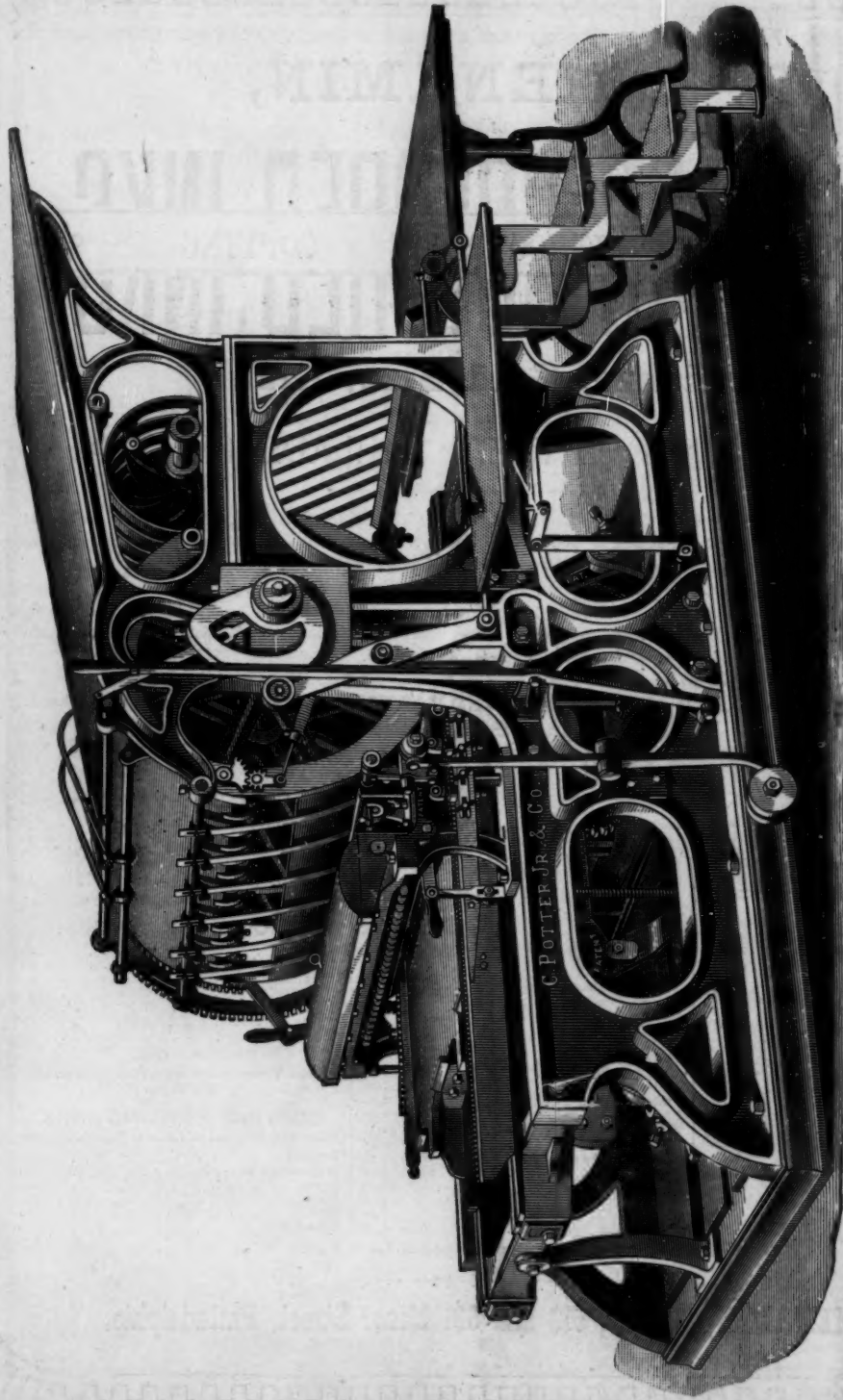
LITHOGRAPHIC BLACK AND COLORED INKS AND VARNISHES, of the best quality, always on hand.

PRICE LIST.

BLACK INKS.				RED INKS.				PRINTERS' VARNISH.				
Per lb.				Per lb.				Per lb.				
Fine Card or Wood Cut,	5.00	3.00	2.00	Carmine,	32.00	24.00	16.00	No. 0, for reducing Poster Inks,	35			
Fine Gloss Cut,	3.00	2.00	1.00	Lake,	70.00	5.00	3.00	" 1, " " Job " "	40			
Ex. Quick Drying Job, for				Crimson Lake,				" 2, " " " " " "	45			
hard sized and cal. paper,	2.00	1.50	1.00	75	10.00	5.00	4.00	" 3, " " " " " "	50			
Fine Job, for sized and				Fine Red,	3.00	2.50	2.00	Quick Drying Varnish,	75 60 50			
calend. paper,	2.00	1.50	1.00	75	3.00	2.50	2.00	By the gallon at special rates.				
Extra Wood Cut, for Cyl-				Fine Vermilion,	2.50	2.00	1.50	LITHOGRAPHIC VARNISH.				
inder and Adams Presses	1.50	1.25	1.00	75	2.00	1.50	1.00	No. 0,	40			
Wood Cut, power press,	75	50	40	75	2.00	1.50	1.00	" 1,	40			
Extra Fine Book,				Poster Red,	3.00	75	50	" 2,	45			
Good Book,	75	50	40	75	3.00	2.50	2.00	" 3,	50			
Hand-Press News,	30	25	20	75	3.00	2.50	2.00	" 4,	55			
Drum Cylinder News,	30	25	20	75	3.00	2.50	2.00	" 5,	65			
Rotary and Bullock News,				Orange Mineral,				40	" 6,	75		
								By the gallon at special rates.				
								These Varnishes are warranted free from all impurities.				
BLUE INKS.				MISCELLANEOUS COLORS.				COPYING PRINTING INKS.				
Per lb.				Per lb.				Per lb.				
Extra Fine Brouze Blue,	2.00			White Ink,	1.00	75	50	40	MADE UNDER CHAS. McILVAINE & CO.'S PATENT			
" " Light Blue,	3.00 1.50			Tints of all shades of color,				1.50 1.00	Purple,	5.00		
Dark Blue,	1.50	1.00	75 50	Medium Green,				2.50 75	Red—Deep or Light,	5.00		
Light Blue,	1.00 75 50			Fine Dark Green,	2.50	2.00	1.50 1.00	" 1,	5.00			
Light Label Blue,	75 50 40			Fine Light Green,	2.00	1.50	1.00	" 2,	5.00			
Ultramarine—Extra Fine,	3.00 2.00			Poster Green—Dark,				75 50	Black,	5.00		
" Job & Poster,	1.50	1.00	75 50 40	Poster Green—Light,				75 50	Brown,	5.00		
				Chocolate Brown,				1.50				
				White Size,				1.50 1.00				
				Fine Gold Size,				2.00 1.50 1.00				
				Fine Raw Sienna,				2.00 1.50 1.00				
				Fine Umber Brown,				1.50				
				Fine Dark Brown,				2.00 1.00 75				
				Fine Light Brown,				2.00 1.00 75				
				Royal Purple,				24.00 16.00 8.00				
				Mauve,				5.00				
				Violet,				3.00				
				Claret,				8.00				
				Magenta,				6.00 3.00				

Inks in Barrels and Kegs at Special Low Rates.

R. S. MENAMIN, 515, 517, 519 and 521 Minor Street, Philadelphia.



C. POTTER, JR., & CO.'S

IMPROVED LARGE CYLINDER PRESS--Two Rollers.

Send for Illustrated Catalogue showing Lithographic, Two-Revolution, Combination and Large Cylinder Machines

OFFICE: 12 & 14 SPRUCE ST., NEW YORK.

BARGAIN PAGE.

SECOND-HAND PRESSES, ETC., FOR SALE.

UNIVERSAL JOB PRESS—

One Half-medium Universal press, 10x15 inches inside chase, with fountain and steam fixtures; in good order; price, \$290.

GORDON JOB PRESS—

One Eighth-medium Gordon press, 7x11 inches inside chase; in perfect order; price, \$125.

LIBERTY JOB PRESS—

One Eighth-medium Liberty Job Press, 7x11 inches inside chase; in good order; price \$125.

GLOBE JOB PRESS—

One Quarter-medium Globe Job Press, 10x15 inches inside chase; with fountain and steam fixtures; in perfect order; price \$190.

WASHINGTON HAND PRESSES—

One 9-col. Washington Hand Press, platen 26x42; \$200.

One 7 " " " " " 24x37; \$160.

One 7 " " " " " 23x35; \$150.

One 6 " " " " " 22x32; \$125.

One Medium Hoe Hand Press, platen 19x25; in excellent order; price, \$115.

One Rust Washington Hand Press (acorn-frame), platen 22x32; will print 6-column paper; price \$90.

The above are in warranted good order, and ready for immediate use.

LITHOGRAPHIC STEAM PRESS—

One French Litho. Press, for steam power; made by H. Voirin, Paris; will take stone 30x36 inches; in thorough good order; price, \$1100.

FAST NEWSPAPER PRESS—

One Wharfedale Four-feeder Cylinder Press, flat bed, to print from type; prints sheet 28½x42 inches; speed, 6,000 per hour; in excellent order for immediate shipment. Will be sold cheap. Price and terms on application.

BRONSTRUP HAND PRESS—

One Washington Hand Press, platen 22½x29; wrought-iron frame; in good order; will print six-column paper; price, \$125.

RAMAGE HAND PRESS—

One Ramage Press, platen 12½x17; good order; \$45.

GORDON CHASES (IN LOTS TO SUIT)—

30 Chases for Improved Quarter-medium Gordon Press, 10x15 in. inside; good as new; \$1 each.

50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

SANBORN SAWING MACHINE—

One Sanborn's Patent Balanced-Table Sawing Machine, for power; has 6 saws, 8 inches diameter; can be used for any size books; almost new and in perfect order; price, \$125. (New price, \$200.)

ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4¼x7¼ inches inside chase; good order; \$75.

STRAW-BOARD CUTTER—

One 30-inch, Schoettle's patent, \$45.

SEMPLER BOOK TRIMMER—

One Sempler Book Trimmer (lever), for hand-power; has extra head for small work; in good order; price, \$100.

RULING MACHINE—

One Double Ruling Machine, Hickok's make, in good order; \$150.

NEWSPAPER FOLDING MACHINE—

Forsyth's make; folds sheet 32x45½; folds long mail size, five folds; in first-class order; price, \$350.

STANDING PRESSES (FOR DRY PRESSING)—

One Evans Standing Press, all iron, bed 30x36 inches; in perfect order; price, \$175.

One Boomer & Boschert Press, 20x29; in good order; price \$100.

One Standing Press, wood platen and bed, iron rods; double-gearred; size 15x20 inches; price, \$40.

CALENDERING MACHINE—

One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$90.

DUSTING MACHINE—

Two rolls, with feather brushes; will dust a sheet 24x38, or longer; \$100.

STEREOTYPE MACHINERY—

One Steam Drying Press, platen 24x26; \$175.

One Job Casting Pan, iron frame; size 11x16; price \$75; for paper process.

One Hoe Furnace and Metal Pot; diameter of pot 15 inches; capacity 330 lbs. metal; \$40.

One Chiseling Machine, \$40.

WATER MOTOR—

One Tuerck Water Motor, No. 11, with governor; entirely new; price, \$100.



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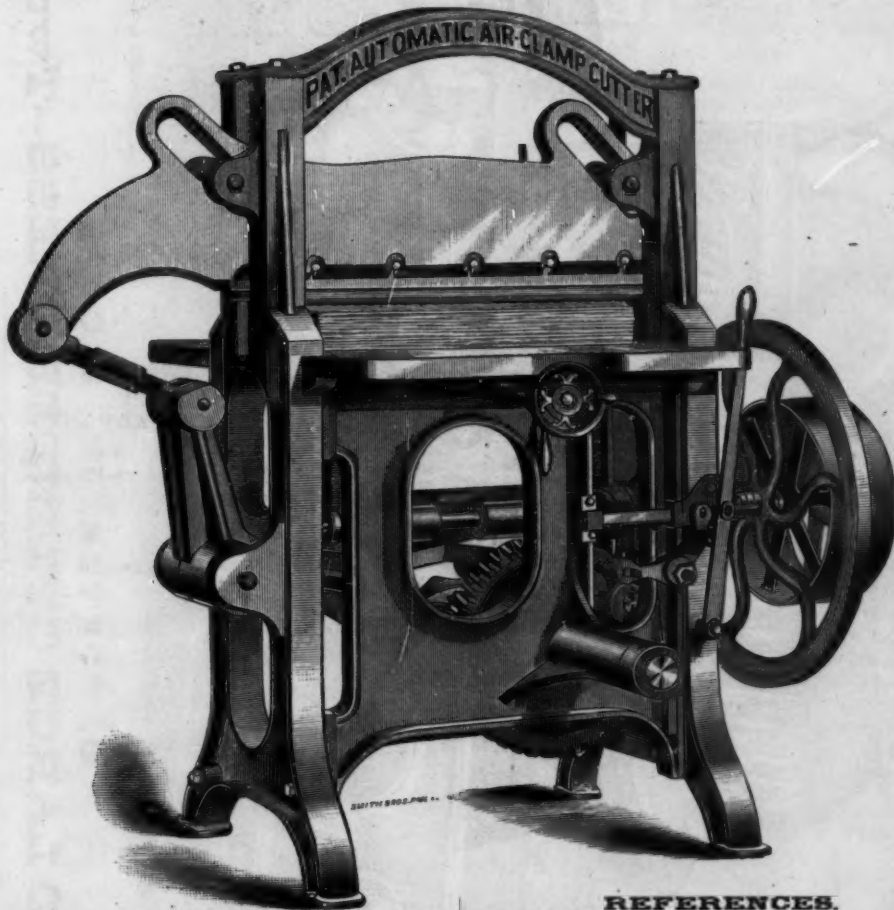
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"WASHINGTON" AUTOMATIC AIR-CLAMP CUTTING MACHINE,

(H. P. Feister's Patent.)



SIZES AND PRICES.

32-inch,	\$500	48-inch,	\$1050
36 "	650	52 "	1250
40 "	800	56 "	1450
44 "	900	62 "	1750

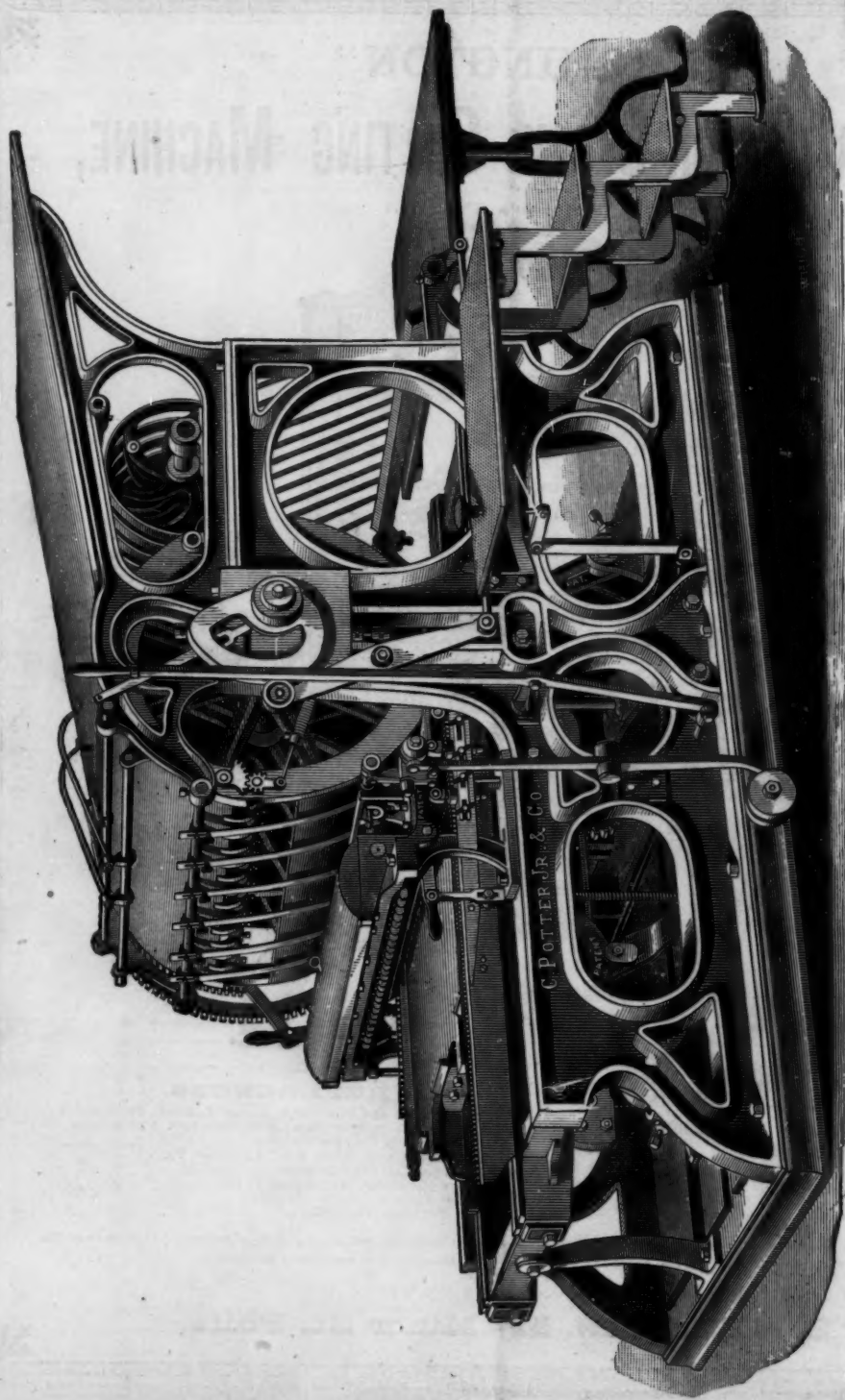
REFERENCES.

MILLER BIBLE AND PUBLISHING HOUSE (Limited), Philadelphia.
 S. A. RUDOLPH'S SONS' Paper Mills, Manayunk, Philadelphia.
 I. L. CRAGIN & Co., Philadelphia.
 WARFEL & GRIST, "New Era," Lancaster, Pa.
 C. C. DOUGLASS, Philadelphia.
 GIBSON BROTHERS, Washington, D. C.
 WM. F. FELL & Co., Philadelphia.
 E. S. TALMAGE, Philadelphia.

These machines are built of the best material throughout; are almost noiseless in operation, and are fitted with every convenience to enable the operator to handle them with ease, safety, speed and accuracy. Guaranteed satisfactory. Correspondence solicited.

MANUFACTURED AND FOR SALE BY

R. S. MENAMIN, 517 Minor St., Phila.



C. POTTER, JR., & CO.'S

IMPROVED LARCE CYLINDER PRESS--Two Rollers.

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BARGAIN PAGE.

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"SCOTT" PERFECTING PRESS—

One "Scott" Web Perfecting Press, complete and good as new; will print an eight-page paper at the rate of 12,000 copies per hour, and a four-page at 24,000 copies per hour. Price and terms on application.

FAST NEWSPAPER PRESS—

One Wharfedale Four-feeder Cylinder Press, flat bed, to print from type; prints sheet 28½x42 inches; speed, 6,000 per hour; in excellent order for immediate shipment. Will be sold cheap. Price and terms on application.

GORDON JOB PRESS—

One Eighth-medium Gordon press, 7x11 inches inside chase; in perfect order; price, \$125.

LIBERTY JOB PRESS—

One Eighth-medium Liberty Job Press, 7x11 inches inside chase; in good order; price \$125.

GLOBE JOB PRESS—

One Quarter-medium Globe Job Press, 10x15 inches inside chase; with fountain and steam fixtures; in perfect order; price \$190.

WASHINGTON HAND PRESSES—

One 9-col. Washington Hand Press, platen 26x42; \$200.

One 7 " " " " " " 24x37; \$160.

One 7 " " " " " " 23x35; \$150.

One 6 " " " " " " 22x32; \$125.

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RAMAGE HAND PRESS—

One Ramage Press, platen 12½x17; good order; \$45.

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30 Chases for Improved Quarter-medium Gordon Press, 10x15 in. inside; good as new; \$1 each.

50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

WATER MOTOR—

One Tuerck Water Motor, No. 11, with governor; entirely new; price, \$100.

STEREOTYPE CHASES—

Twelve Type-high Stereotype Chases, six columns each, for paper process; in good order; complete with side and foot-sticks; cheap.

SANBORN SAWING MACHINE—

One Sanborn's Patent Balanced-Table Sawing Machine, for power; has 6 saws, 8 inches diameter; can be used for any size books; almost new and in perfect order; price, \$125. (New price, \$200.)

ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4¼x7¼ inches inside chase; good order; \$75.

RIEHL CUTTING MACHINES—

One 32-inch Lever Paper Cutter, for printers or binders; in perfect order; price, \$135.

One 24-inch Self-clamping "Express" Cutter, with steam fixtures; good order; price, \$150.

STRAW-BOARD CUTTER—

One 30-inch, Schoettle's patent, \$45.

SEMPLE BOOK TRIMMER—

One Semple Book Trimmer (lever), for hand-power; has extra head for small work; in good order; price, \$100.

RULING MACHINE—

One Double Ruling Machine, Hickok's make, in good order; \$150.

NEWSPAPER FOLDING MACHINE—

Forsyth's make; folds sheet 32x45½; folds long mail size, five folds; in first-class order; price, \$350.

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One Evans Standing Press, all iron, bed 30x36 inches; in perfect order; price, \$175.

One Boomer & Boschert Press, 20x29; in good order; price \$100.

One Standing Press, wood platen and bed, iron rods; double-gear; size 15x20 inches; price, \$40.

CALENDERING MACHINE—

One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$90.

STEREOTYPE MACHINERY—

One Steam Drying Press, platen 24x26; \$175.

One Job Casting Pan, iron frame; size 11x16; price \$75; for paper process.

One Hoe Furnace and Metal Pot; diameter of pot 15 inches; capacity 330 lbs. metal; \$40.

One Chiseling Machine, \$40.

ELECTROTYPES

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TOBACCO TRADE, ETC.



Cut No. 3037—40 c.



Cut No. 3036—50 c.



Cut No. 3038—50 c.



Cut No. 3034—\$1.50.



Cut No. 3038—50 c.



Cut No. 3033—75 c.

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R. S. MENAMIN,

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Cut No. 3035—60 c.

R. S. MENAMIN,

MANUFACTURER OF

BLACK AND COLORED INKS

PRINTING * LITHOGRAPHIC * COPYING

BLACK AND COLORED INKS

Varnishes, Gold-Size, Etc.,

515-521 MINOR STREET, PHILADELPHIA.

THE undersigned is now manufacturing BLACK AND COLORED INKS of the finest qualities, which he is selling at prices as low as those of any manufacturer or dealer in the United States. The INKS of each particular grade are unsurpassed in brightness of color; will work freely and dry quickly, and will not clog on the rollers.

The celebrated PRINTING COPYING INKS of CHARLES McILVAINE & Co. are now manufactured exclusively by the undersigned.

SPECIAL INKS FOR SPECIAL WORK will be made at short notice, and any color will be matched when the shade of color is accompanied with a piece of the paper on which the job is to be worked.

PRINTERS' VARNISHES of all grades furnished by the pound, gallon, or barrel, at prices to suit.

LITHOGRAPHIC BLACK AND COLORED INKS AND VARNISHES, of the best quality, always on hand.

PRICE LIST.

BLACK INKS.	Per lb.		
Fine Card or Wood Cut,	5.00	3.00	2.00
Fine Gloss Cut,	3.00	2.00	1.00
Ex. Quick Drying Job, for hard sized and cal. paper,	2.00	1.50	1.00
Fine Job, for sized and calend. paper,	2.00	1.50	1.00
Extra Wood Cut, for Cylinder and Adams Presses	1.25	1.00	75
Wood Cut, power press,	75	50	40
Extra Fine Book,	1.00	75	50
Good Book,	75	50	40
Hand-Press News,	30	25	20
Drum Cylinder News,	20	16	14
Rotary and Bullock News,			10

BLUE INKS.	Per lb.		
Extra Fine Bronze Blue,			2.00
Light Blue,	2.00	1.50	
Dark Blue,	1.50	1.00	75
Light Blue,	1.00	75	50
Light Label Blue,	75	50	40
Ultramarine—Extra Fine,	3.00	2.00	
Job & Poster,	1.50	1.00	75

YELLOW INKS.	Per lb.		
Fine Lemon Yellow,	2.00	1.50	1.00
Fine Orange Yellow,	2.00	1.50	1.00
Poster Lemon Yellow,		75	50
Poster Orange Yellow,		75	50
Naples Yellow,			2.00

RED INKS.	Per lb.		
Carmine,	32.00	24.00	16.00
Lake,	10.00	5.00	3.00
Crimson Lake,		5.00	3.00
Extra Fine Red,	10.00	5.00	4.00
Fine Red,	3.00	2.50	2.00
Fine Vermilion,	2.50	2.00	1.50
Poster Red,	1.00	75	50
Orange Mineral,			40

MISCELLANEOUS COLORS.	Per lb.		
White Ink,	1.00	75	50
Tints of all shades of color,		1.50	1.00
Medium Green,		2.50	75
Fine Dark Green,	2.50	2.00	1.50
Fine Light Green,	2.00	1.50	1.00
Poster Green—Dark,		75	50
Poster Green—Light,		75	50
Chocolate Brown,		1.50	
White Size,		1.50	1.00
Fine Gold Size,	2.00	1.50	1.00
Fine Raw Sienna,	2.00	1.50	1.00
Fine Umber Brown,			1.50
Fine Dark Brown,	2.00	1.00	75
Fine Light Brown,	2.00	1.00	75
Rauve,	24	16.00	8.00
Royal Purple,			5.00
Violet,			3.00
Claret,			8.00
Magenta,	6.00	3.00	

PRINTERS' VARNISH.	Per lb.	
No. 1, for reducing Poster Inks,	35	
Job	40	
2	45	
3	50	
4	55	
5	60	
6	75	60

Quick Drying Varnish, 75 60 50

By the gallon at special rates.

LITHOGRAPHIC VARNISH.	Per lb.	
No. 1,	40	
2,	40	
3,	45	
4,	50	
5,	55	
6,	60	
7,	75	

By the gallon at special rates.

These Varnishes are warranted free from all impurities.

COPYING PRINTING INKS.	Per lb.	
Made under Chas. McIlvaine & Co.'s Patent	75	
Purple,	5.00	
Red—Deep or Light,	5.00	
Green,	5.00	
Black,	5.00	
Blue,	5.00	
Brown,	5.00	

Inks in Barrels and Kegs at Special Low Rates.

R. S. MENAMIN, 515, 517, 519 and 521 Minor Street, Philadelphia.



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ALEX. M'LEESTER
THOS. A. WILEY

THE COLLINS & M'LEESTER TYPE FOUNDRY

METAL TYPE

—PRESSES—

WOOD TYPE

—INKS—

Complete Outfits for {
NEWSPAPER OFFICES
BOOK OFFICES
JOB OFFICES

OUR PRICES
ARE AS

LOW AS THOSE
OF ANY OTHER

First-class Foundry.

OUR TYPE
IS

EQUAL
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Best Manufactured.

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ENGRAVING

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SPECIAL ATTENTION

Given to the Proportions of Fonts for Newspapers

BARGAIN PAGE.

SECOND-HAND PRESSES, ETC., FOR SALE.

WASHINGTON HAND PRESSES—

- One 9-col. Washington Hand Press, platen 26x42; \$200.
- One 7 " " " " " 24x37; \$160.
- One 7 " " " " " 23x35; \$150.
- One 6 " " " " " 22x32; \$125.

One Medium Hoe Hand Press, platen 19x25; in excellent order; price, \$115.

One Rust Washington Hand Press (acorn-frame), platen 22x32; will print 6-column paper; price \$90.

The above are in warranted good order, and ready for immediate use.

"SCOTT" PERFECTING PRESS—

One "Scott" Web Perfecting Press, complete and good as new; will print an eight-page paper at the rate of 12,000 copies per hour, and a four-page at 24,000 copies per hour. Price and terms on application.

FAST NEWSPAPER PRESS—

One Wharfdale Four-feeder Cylinder Press, flat bed, to print from type; prints sheet 28½x42 inches; speed, 6,000 per hour; in excellent order for immediate shipment. Will be sold cheap. Price and terms on application.

GORDON JOB PRESS—

One Eighth-medium Gordon press, 7x11 inches inside chase; in perfect order; price, \$125.

LIBERTY JOB PRESS—

One Eighth-medium Liberty Job Press, 7x11 inches inside chase; in good order; price \$125.

GLOBE JOB PRESS—

One Quarter-medium Globe Job Press, 10x15 inches inside chase; with fountain and steam fixtures; in perfect order; price \$190.

LITHOGRAPHIC STEAM PRESS—

One French Litho. Press, for steam power; made by H. Voirin, Paris; will take stone 30x36 inches; in thorough good order; price, \$1100.

BRONSTRUP HAND PRESS—

One Washington Hand Press, platen 22½x29; wrought-iron frame; in good order; will print six-column paper; price, \$125.

RAMAGE HAND PRESS—

One Ramage Press, platen 12½x17; good order; \$45.

GORDON CHASES (IN LOTS TO SUIT)—

50 Chases for Improved Eighth-medium Gordon Press, 8x12 in. inside; good as new; 80 c. each.

WATER MOTOR—

One Tuerck Water Motor, No. 11, with governor; entirely new; price, \$100.

ADAMS BOOK PRESS—

One 2-roller Adams, platen 26x40; in good order.

SANBORN SAWING MACHINE—

One Sanborn's Patent Balanced-Table Sawing Machine, for power; has 6 saws, 8 inches diameter; can be used for any size books; almost new and in perfect order; price, \$125. (New price, \$200.)

RIEHL CUTTING MACHINES—

One 32-inch Riehl Paper Cutter; in good order; price, \$125.

One 24-inch Self-clamping "Express" Cutter, with steam fixtures; good order; price, \$150.

SEMPLÉ BOOK TRIMMER—

One Semplé Book Trimmer (lever), for hand-power; has extra head for small work; in good order; price, \$100.

STANDING PRESSES (FOR DRY PRESSING)—

One Evans Standing Press, all iron, bed 30x36 inches; in perfect order; price, \$175.

One Standing Press, wood platen and bed, iron rods; double-gear; size 15x20 inches; price, \$40.

STRAW-BOARD CUTTER—

One 30-inch, Schoettlé's patent, \$45.

STEREOTYPE CHASES—

Twelve Type-high Stereotype Chases, six columns each, for paper process; in good order; complete with side and foot-sticks; cheap.

RUGGLES JOB PRESS—

One Card and Billhead Press, size 4¾x7¾ inches inside chase; good order; \$75.

RULING MACHINE—

One Double Ruling Machine, Hickok's make, in good order; \$150.

NEWSPAPER FOLDING MACHINE—

Forsyth's make; folds sheet 32x45½; folds long mail size, five folds; in first-class order; price, \$320.

CALENDERING MACHINE—

One Calendering Machine, two hollow rollers, size each 6x27 inches; price \$90.

STEREOTYPE MACHINERY—

One Steam Drying Press, platen 24x26; \$175.

One Job Casting Pan, iron frame; size 11x16; price \$75; for paper process.

One Hoe Furnace and Metal Pot; diameter of pot 15 inches; capacity 330 lbs. metal; \$40.

One Chiseling Machine, \$40.

One Hoe Routing Machine; good as new.

BARBAIN PAPE

ESQUAD-TRABALHO DE BARBAIN PAPE

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ALEX. M'LEESTER

THOS. A. WILEY

METAL TYPE

STEREOTYPING

WOOD TYPE

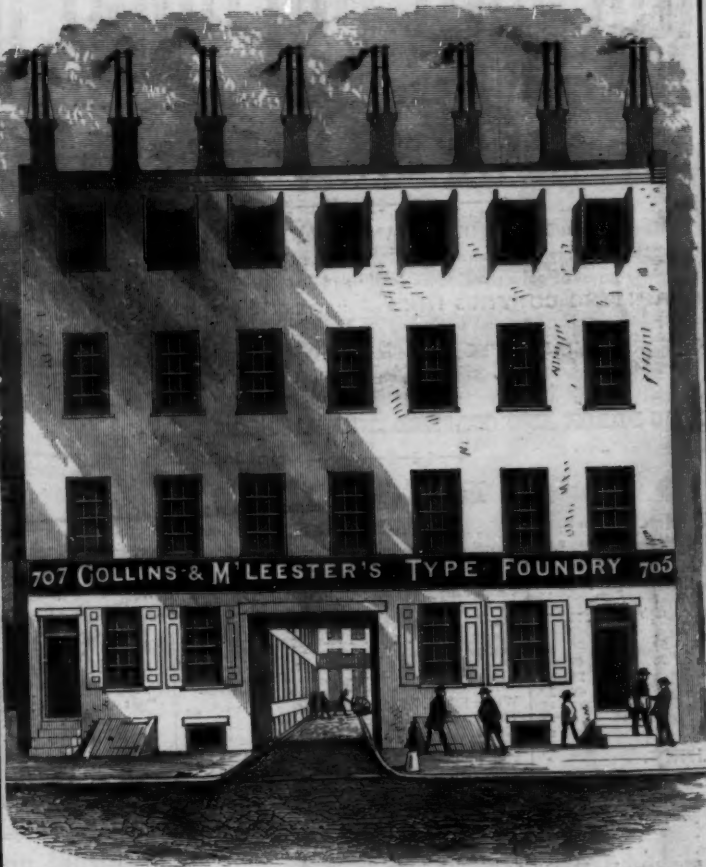
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PRESSES

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